



# TFT-LCD TV

Chassis GST32KE  
GST40KE  
GST32HE  
GST37HE  
GST40HE

Model LE32R73BD  
LE40R73BD  
LE32R74BD  
LE37R74BD  
LE40R74BD

# *SERVICE* Manual

## TFT-LCD TV



## Fashion Feature

- Luxurious Slim Design
- Supreme Picture Quality
- Supreme Sound Quality
- Supreme Convenience Quality
- Convenience for Users
- DVB-T, iDTV
- MHP (Only for R62F)

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LE32R73BD/LE32R74BD/LE37R74BD/LE40R73BD/  
LE40R74BD Service Manual

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# 1 Precautions

Follow these safety, servicing and ESD precautions to prevent damage and to protect against potential hazards such as electrical shock.

## 1-1 Safety Precautions

### 1-1-1 Warnings

1. For continued safety, do not attempt to modify the circuit board.
2. Disconnect the AC power and DC Power Jack before servicing.

### 1-1-2 Servicing the LCD Monitor

1. When servicing the LCD Monitor Disconnect the AC line cord from the AC outlet.
2. It is essential that service technicians have an accurate voltage meter available at all times. Check the calibration of this meter periodically.

### 1-1-3 Fire and Shock Hazard

Before returning the monitor to the user, perform the following safety checks:

1. Inspect each lead dress to make certain that the leads are not pinched or that hardware is not lodged between the chassis and other metal parts in the monitor.
2. Inspect all protective devices such as nonmetallic control knobs, insulating materials, cabinet backs, adjustment and compartment covers or shields, isolation resistor-capacitor networks, mechanical insulators, etc.
3. Leakage Current Hot Check (Figure 1-1):  
WARNING: Do not use an isolation transformer during this test.

Use a leakage current tester or a metering system that complies with American National Standards Institute (ANSI C101.1, *Leakage Current for Appliances*), and Underwriters Laboratories (UL Publication UL1410, 59.7).

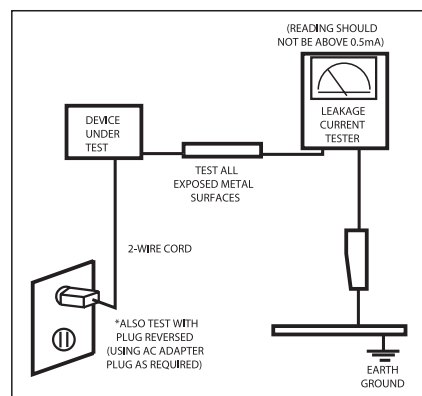


Figure 1-1. Leakage Current Test Circuit

### 1-1-4 Product Safety Notices

Some electrical and mechanical parts have special safety-related characteristics which are often not evident from visual inspection. The protection they give may not be obtained by replacing them with components rated for higher voltage, wattage, etc. Parts that have special safety characteristics are identified by  $\triangle$  on schematics and parts lists. A substitute replacement that does not have the same safety characteristics as the recommended replacement part might create shock, fire and/or other hazards. Product safety is under review continuously and new instructions are issued whenever appropriate.

## 1 Precautions

### 1-2 Servicing Precautions

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**WARNING:** An electrolytic capacitor installed with the wrong polarity might explode.

**Caution:** Before servicing units covered by this service manual, read and follow the Safety Precautions section of this manual.

**Note:** If unforeseen circumstances create conflict between the following servicing precautions and any of the safety precautions, always follow the safety precautions.

#### 1-2-1 General Servicing

##### Precautions

1. Always unplug the unit's AC power cord from the AC power source and disconnect the DC Power Jack before attempting to:  
(a) remove or reinstall any component or assembly, (b) disconnect PCB plugs or connectors, (c) connect a test component in parallel with an electrolytic capacitor.
2. Some components are raised above the printed circuit board for safety. An insulation tube or tape is sometimes used. The internal wiring is sometimes clamped to prevent contact with thermally hot components. Reinstall all such elements to their original position.
3. After servicing, always check that the screws, components and wiring have been correctly reinstalled. Make sure that the area around the serviced part has not been damaged.
4. Check the insulation between the blades of the AC plug and accessible conductive parts (examples: metal panels, input terminals and earphone jacks).
5. Insulation Checking Procedure: Disconnect the power cord from the AC source and turn the power switch ON. Connect an insulation resistance meter (500 V) to the blades of the AC plug.  
The insulation resistance between each blade of the AC plug and accessible conductive parts (see above) should be greater than 1 megohm.
6. Always connect a test instrument's ground lead to the instrument chassis ground before connecting the positive lead; always remove the instrument's ground lead last.

### 1-3 Static Electricity Precautions

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Some semiconductor (solid state) devices can be easily damaged by static electricity. Such components are commonly called Electrostatically Sensitive Devices (ESD). Examples of typical ESD are integrated circuits and some field-effect transistors. The following techniques will reduce the incidence of component damage caused by static electricity.

1. Immediately before handling any semiconductor components or assemblies, drain the electrostatic charge from your body by touching a known earth ground. Alternatively, wear a discharging wrist-strap device. To avoid a shock hazard, be sure to remove the wrist strap before applying power to the monitor.
2. After removing an ESD-equipped assembly, place it on a conductive surface such as aluminum foil to prevent accumulation of an electrostatic charge.
3. Do not use freon-propelled chemicals. These can generate electrical charges sufficient to damage ESDs.
4. Use only a grounded-tip soldering iron to solder or desolder ESDs.
5. Use only an anti-static solder removal device. Some solder removal devices not classified as anti-static can generate electrical charges sufficient to damage ESDs.
6. Do not remove a replacement ESD from its protective package until you are ready to install it. Most replacement ESDs are packaged with leads that are electrically shorted together by conductive foam, aluminum foil or other conductive materials.
7. Immediately before removing the protective material from the leads of a replacement ESD, touch the protective material to the chassis or circuit assembly into which the device will be installed.  
**Caution:** Be sure no power is applied to the chassis or circuit and observe all other safety precautions.
8. Minimize body motions when handling unpackaged replacement ESDs. Motions such as brushing clothes together, or lifting your foot from a carpeted floor can generate enough static electricity to damage an ESD.

## 1-4 Installation Precautions

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1. For safety reasons, more than two people are required for carrying the product.
2. Keep the power cord away from any heat emitting devices, as a melted covering may cause fire or electric shock.
3. Do not place the product in areas with poor ventilation such as a bookshelf or closet. The increased internal temperature may cause fire.
4. Bend the external antenna cable when connecting it to the product. This is a measure to protect it from being exposed to moisture. Otherwise, it may cause a fire or electric shock.
5. Make sure to turn the power off and unplug the power cord from the outlet before repositioning the product. Also check the antenna cable or the external connectors if they are fully unplugged. Damage to the cord may cause fire or electric shock.
6. Keep the antenna far away from any high-voltage cables and install it firmly. Contact with the high-voltage cable or the antenna falling over may cause fire or electric shock.
7. When installing the product, leave enough space (10cm) between the product and the wall for ventilation purposes.  
A rise in temperature within the product may cause fire.

1 Precautions

Memo

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## 2 Product specifications

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### 2-1 Fashion Feature

#### **Supreme Digital Interface & Networking**

-With a built-in HD digital tuner, it supports HD broadcasting with no particular set-top box and provides simple access with a single remote control.

#### **Excellent Picture Quality**

-DNIe technology provides life-like clear images.

#### **Dynamic Contrast**

-Automatically detects the input visual signal and adjusts to create optimum contrast.

#### **SRS TruSurround XT**

-SRS TruSurround XT provides a virtual Dolby surround system.

#### **Convenience**

-The TV utilizes the HDMI system to implement perfect digital sound and picture quality.

-Supports DVB-CI (Common Interface)

-Supports Modem (Only for R62F)

-Supports SMART CARD (NON CAS / Only for R62F)

## 2-2 LE32R73BD/LE32R74BD Specifications

Item	Description	
LCD Panel	TFT-LCD panel, RGB vertical stripe, normally white, 32-Inch viewable, 0.511 (H) x 0.511 (V) mm pixel pitch	
Scanning Frequency	Horizontal : 30 kHz ~ 61 kHz (Automatic) / Vertical : 60 Hz ~ 75 Hz (Automatic)	
Display Colors	16,777,216 colours	
Maximum Resolution	Horizontal : 1360 Pixels Vertical : 768 Pixels	
Input Video Signal	Analog 0.7 Vp-p $\pm$ 5% positive at 75 $\Omega$ , internally terminated	
Input Sync Signal	Type : Seperate H/V Level : TTL level	
Maximum Pixel Clock rate	80 MHz	
Active Display Horizontal/Vertical	556.4 mm / 339.8 mm	
AC power voltage & Frequency	AC 220 ~ 240V, 50 ~ 60 Hz	
Power Consumption	152 W < 1W	
Dimensions(W x D x H) Set	800 x 252 x 603 mm(31.5 x 9.92 x 23.74 inches)After installation Stand 800 x 80 x 548.5 mm(31.5 x 3.15 x 21.6 inches) Without stand	
Weight Set(After installation Stand)	14.8 kg (32.62 lbs)	
TV System	Tunning	Frequency Synthesize
	System	PAL, SECAM
	Sound	MONO, STEREO, NICAM
Environmental Considerations	Operating Temperature : 50°F ~ 104°F (10°C ~ 40°C) Operating Humidity : 10 % ~ 80 % Storage Temperature : -4°F ~ 113°F (-20°C ~ 45°C) Storage Humidity : 5 % ~ 95 %	
Antena Input	75 $\Omega$	
Sound Characteristic	-MAX Internal speaker Out : Right : 10W / Left : 10W -BASS Control Range : -8 dB ~ + 8dB -TREBLE Control Range : -8 dB ~ +8 dB -Headphone Out : 10 mW MAX -Output Frequency : RF : 80 Hz ~ 15 kHz A/V : 80 Hz ~ 20 kHz	

## 2-3 LE37R74BD Specifications

Item	Description	
LCD Panel	TFT-LCD panel, RGB vertical stripe, normally white, 37-Inch viewable, 0.6 (H) x 0.6 (V) mm pixel pitch	
Scanning Frequency	Horizontal : 30 kHz ~ 61 kHz (Automatic) / Vertical : 60 Hz ~ 75 Hz (Automatic)	
Display Colors	16,777,216 colours	
Maximum Resolution	Horizontal : 1360 Pixels Vertical : 768 Pixels	
Input Video Signal	Analog 0.7 Vp-p $\pm$ 5% positive at 75 $\Omega$ , internally terminated	
Input Sync Signal	Type : Seperate H/V Level : TTL level	
Maximum Pixel Clock rate	80 MHz	
Active Display Horizontal/Vertical	556.4 mm / 339.8 mm	
AC power voltage & Frequency	AC 220 ~ 240V, 50 ~ 60 Hz	
Power Consumption	170 W < 1W	
Dimensions(W x D x H) Set	923 x 82.76 x 675.3 mm(36.3 x 3.26 x 26.6 inches) After installation Stand 923 x 82.76 x 618.6 mm(31.5 x 3.25 x 24.35 inches) Without stand	
Weight Set(After installation Stand)	14.8 kg (32.62 lbs)	
TV System	Tunning	Frequency Synthesize
	System	PAL, SECAM
	Sound	MONO, STEREO, NICAM
Environmental Considerations	Operating Temperature : 50°F ~ 104°F (10°C ~ 40°C) Operating Humidity : 10 % ~ 80 % Storage Temperature : -4°F ~ 113°F (-20°C ~ 45°C) Storage Humidity : 5 % ~ 95 %	
Antena Input	75 $\Omega$	
Sound Characteristic	-MAX Internal speaker Out : Right : 5W / Left : 5W -BASS Control Range : -8 dB ~ + 8dB -TREBLE Control Range : -8 dB ~ +8 dB -Headphone Out : 10 mW MAX -Output Frequency : RF : 80 Hz ~ 15 kHz A/V : 80 Hz ~ 20 kHz	

## 2-4 LE40R73BD/LE40R74BD Specifications

Item	Description	
LCD Panel	TFT-LCD panel, RGB vertical stripe, normally white, 40-Inch viewable, 0.648(H) x 0.216(V) mm pixel pitch	
Scanning Frequency	Horizontal : 30 kHz ~ 61 kHz (Automatic) / Vertical : 60 Hz ~ 75 Hz (Automatic)	
Display Colors	16,777,216 colours	
Maximum Resolution	Horizontal : 1360 Pixels Vertical : 768 Pixels	
Input Video Signal	Analog 0.7 Vp-p $\pm$ 5% positive at 75 $\Omega$ , internally terminated	
Input Sync Signal	Type : Seperate H/V Level : TTL level	
Maximum Pixel Clock rate	80 MHz	
Active Display Horizontal/Vertical	556.4 mm / 339.8 mm	
AC power voltage & Frequency	AC 220 ~ 240V, 50 ~ 60 Hz	
Power Consumption	190 W < 1W	
Dimensions(W x D x H) Set	991.5 x 326.0 x 713.0 mm(39.04 x 12.83 x 28.07 inches) After installation Stand 991.5 x 87.0 x 658.5 mm(39.04 x 3.43 x 25.93 inches) Without stand	
Weight Set(After installation Stand)	22.8 kg (50.27 lbs)	
TV System	Tunning	Frequency Synthesize
	System	PAL, SECAM
	Sound	MONO, STEREO, NICAM
Environmental Considerations	Operating Temperature : 50°F ~ 104°F (10°C ~ 40°C) Operating Humidity : 10 % ~ 80 % Storage Temperature : -4°F ~ 113°F (-20°C ~ 45°C) Storage Humidity : 5 % ~ 95 %	
Antena Input	75 $\Omega$	
Sound Characteristic	-MAX Internal speaker Out : Right : 10W / Left : 10W -BASS Control Range : -8 dB ~ +8dB -TREBLE Control Range : -8 dB ~ +8 dB -Headphone Out : 10 mW MAX -Output Frequency : RF : 80 Hz ~ 15 kHz A/V : 80 Hz ~ 20 kHz	





## 2-5 DTV Specification


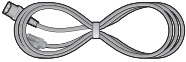
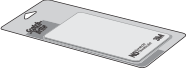
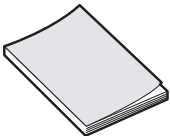

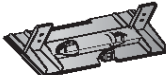
Category	Functions	UK	GERMANY
SYSTEM	Broadcasting system	DVB-T	DVB-T
	Video format	MPEG-2 (MP@ML)	MPEG-2 (MP@ML)
	Audio format	MPEG-1 audio layer I, II	MPEG-1 audio layer I, II
Channel Parameters	Operational Bands	UHF	VHF/UHF
	Channel range	21 ~ 68	5 ~ 12, 21 ~ 69
	Channel Band width	8 MHz	VHF -7, UHF - 8
EPG	Now/Next	O	O
	Scheduled EPG	O	O
SI	LCN	O	X
	Dynamic SI	X	X
	Replacement Service	X	X
CA	CI	O(TopUpTV)	O
	Embedded CAS	X	X
	Parental Lock	O	O
System software upgrade	BBC OTA	O	X
	DVB SSU	X	Enhanced profile
Data Service	MHEG	O( Ver. 1.06 )	X
	MHP	X	X
Time zone	Time zone setting	X	X
Add-on services	DVB subtitle	O	X
	Teletext	X	O
	AC3	X	X
	VPS	X	O
	AFD	O	X
Etc	Channel list	O	O
	Auto store	O	O
	Manual store	O	O
	Language selection	O	O
Connectors	SPDIF OUT	DTV	DTV
	PCMCIA (Type II)	O	O
	RS-232 (Phone Jack)	O	O
	Modem	X	X
	Smart Card	X	X

Category	Functions	Sweden	Italy	France
SYSTEM	Broadcasting system	DVB-T	DVB-T	DVB-T
	Video format	MPEG-2 (MP@ML)	MPEG-2 (MP@ML)	MPEG-2 (MP@ML)
	Audio format	MPEG-1 audio layer I, II	MPEG-1 audio layer I, II	MPEG-1 audio layer I, II
Channel Parameters	Operational Bands	UHF	VHF/UHF	VHF/UHF
	Channel range	21 ~ 69	3~13(A~H2), 21~69	5 ~ 10, 21 ~ 69
	Channel Band width	8 MHz	VHF -7, UHF - 8	VHF -8, UHF - 8
EPG	Now/Next	O	O	O
	Scheduled EPG	O	O	O
SI	LCN	O	X	O
	Dynamic SI	O	X	X
	Replacement Service	O	X	X
CA	CI	O	O	O
	Embedded CAS	X	X	X
	Parental Lock	O	O	O
System software upgrade	BBC OTA	X	X	X
	DVB SSU	Simple profile	Simple profile	Simple profile
Data Service	MHEG	X	X	X
	MHP	X	O( Ver. 1.0.2 )	X
Time zone	Time zone setting	X	X	X
Add-on services	DVB subtitle	O	O	O
	Teletext	O	O	O
	AC3	X	X	X
	VPS	X	X	X
	AFD	X	X	X
Etc	Channel list	O	O	O
	Auto store	O	O	O
	Manual store	O	O	O
	Language selection	O	O	O
Connectors	SPDIF OUT	DTV	DTV	DTV
	PCMCIA (Type II)	O	O	O
	RS-232 (Phone Jack)	O	O	O
	Modem	X	O	X
	Smart Card	X	O	X

## 2-6 Spec Comparison

Model	LE32R73BD/LE32R74BD/LE37R74BD/ LE40R73BD/LE40R74BD	LE26R51BD/LE32R51BD
Design		
<b>Frequency</b> Horizontal Vertical Display Color	30 ~ 61 kHz 60 ~ 75 Hz 16,777,216 colors	30 ~ 61 kHz 60 ~ 75 Hz 16,777,216 colors
<b>PC Resolution</b> Maximum mode	WXGA, 1360 x 768 @ 60 Hz	WXGA, 1360 x 768 @ 60 Hz
<b>Input Signal</b> Sync Signal Video Signal	H/V Separate, TTL, P. or N. 0.7 Vp-p @ 75ohm	H/V Separate, TTL, P. or N. 0.7 Vp-p @ 75ohm
<b>Power Consumption</b> Normal Power Saving	120W / 152W / 170W / 190W < 1W	140W / 184W < 1W

## 2-7 Option Specification

Item	Item Name	Code.No	Remark
	Remote Control & Batteries (AAA x 2)	BN59-00516A  BN59-00517A (Only for R62F)	
	Power Cord	3903-000193 (Only for R53A/R62A/ R62B/R70A)  3903-000145	
	Cleaning Cloth	BN63-001798A	
	Owner's Instructions	BN68-01007A (R53A/R62A/R62B/R70A) BN68-01007B(R62F) BN68-01007C(R62C) BN68-01007D(R62D) BN68-01007E(R62E)	
	Stand	32" : BN90-00842A 40" : BN90-00847A	
	Cover-Bottom	32" : BN63-02323A 40" : BN63-02366A	

## Memo

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## 3 Alignments and Adjustments

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### 3-1 Service Instruction

1. Usually, a color TV-VCR needs only slight touch-up adjustment upon installation.  
Check the basic characteristics such as height, horizontal and vertical sync.
2. Use the specified test equipment or its equivalent.
3. Correct impedance matching is essential.
4. Avoid overload. Excessive signal from a sweep generator might overload the front-end of the TV. When inserting signal markers, do not allow the marker generator to distort test result.
5. Connect the TV only to an AC power source with voltage and frequency as specified on the backcover nameplate.
6. Do not attempt to connect or disconnect any wire while the TV is turned on. Make sure that the power cord is disconnected before replacing any parts.
7. To protect against shock hazard, use an isolation transform.

## 3-2 How to Access Service Mode

### 3-2-1 Entering Factory Mode

1. To enter "Service Mode" Press the remote -control keys in this sequence :

- If you do not have Factory remote - control



- If you have Factory remote - control



- The buttons are active in the service mode.

1. Remote - Control Key : Power, Arrow Up, Arrow Down, Arrow Left  
Arrow Right, Menu, Enter, Number Key(0~9)
2. Function - Control Key : Power, CH +, CH -, VOL +, VOL -,  
Menu, TV/VIDEO(Enter)

### 3-2-2 Panel Check

Specially for LE32R71B, You have to check Panel Maker Because of different adjustments as follows.  
First of all, Check the label rating!

#### 1) Label Rating File



- LCD PANEL MARK -  
A:ACER(AUO)      S:SEC

\* If not printed you could consider S(sec) panel mark.

#### 2) If Panel Mark is "A", Set the factory mode indicating as follows.

\* Option Byte

1. Inch Option      32"
2. Gamma      32"AUO
3. Panel Option      AUO

Others are same shown below.

### 3-3 Factory Data

1. Calibration  
 2. Option Table      XXXX XXXX  
 3. White Balance  
 4. SVP-PX  
 5. Option Block  
 6. STV8257/STA323W  
 7. YC Delay  
 8. Adjust  
 9. I2C Check  
 10. W/B MOVIE  
 11. Checksum  
 12. Reset  
 13. Spread Spectrum  
 T-BRDMPEUD-0036 (Main Micom Ver)  
 T-CBGMPEUS-0004 (Sub Micom Ver)  
 Month / Day / Year / Hour / Min. / Sec.

1. Calibration
- 1) AV Calibration
  - 2) COMP Calibration
  - 3) PC Calibration
  - 4) HDMI Calibration

2. Option Table      XXXX XXXX

Inch Option	32"	Carrier Mute	ON	TTX Group	Auto
Gamma	OFF	Language	English	Auto Power	ON
Panel Option	AMLCD_INT	Auto FM	ON	----	OFF
2HDMI	OFF	High Deviation	OFF	----	G
Brt.Sensor	OFF	TTX	ON	----	OFF
EnergySave	ON	TTX List	ON	Debug	OFF
LBE/FBE	OFF	ACR	OFF	Ch.Table	SUWON
FRC(Micronas)	OFF	Dynamic CE	ON	iDTV_Cntry	UK
FRC(Samsung)	OFF	Dynamic Dimming	ON	Dynamic Contrast	OFF
LNA	OFF	Tuner TOP	10		

### 3 Alignments and Adjustments

#### 3. White Balance

No	Item	Range	TV/AV	Component	PC	DVI/HDMI
1	Sub-Brightness	0~255	<b>80</b>	<b>115</b>	128	<b>140</b>
2	R-offset	0~255	<b>120</b>	<b>130</b>	128	<b>129</b>
3	G-offset	0~255	<b>128</b>	<b>128</b>	128	<b>128</b>
4	B-offset	0~255	<b>113</b>	<b>128</b>	128	<b>128</b>
5	Sub-Contrast	0~63	<b>36</b>	<b>32</b>	32	<b>28</b>
6	R-Gain	0~255	<b>140</b>	<b>129</b>	128	<b>130</b>
7	G-Gain	0~255	<b>128</b>	<b>128</b>	128	<b>128</b>
8	B-Gain	0~255	<b>150</b>	<b>129</b>	128	<b>120</b>

#### 4. SVP-EX

##### 1. Comb Filter

No	Item	Range	EEPROM	NTSC	PAL	SECAM	Control IC	Remark
1	Y-Filter	0 ~ 255			80h			x

##### 2. Peaking

No	Item	Range	EEPROM	TV	AV	Component	Control IC	Remark
1	V-Peaking	0 ~ 255			80h			x
2	Peaking Delay	0 ~ 255			80h			x
3	Peaking Gain	0 ~ 255			80h			x
4	Peaking Width	0 ~ 255			80h			x
5	Praking t0	0 ~ 255			80h			x

##### 3. NR

No	Item	Range	EEPROM	TV/AV/S_Video	Component	PC	DVI/HDMI	Control IC	Remark
1	Y-NR-Off	0 ~ 255			80h				x
2	C-NR-Off	0 ~ 255			80h				x
3	Y-NR-ON	0 ~ 255			80h				x
4	C-NR-ON	0 ~ 255			80h				x

##### 4. Deinterlace

No	Item	Range	EEPROM	TV/AV/S_Video	Component	PC	DVI/HDMI	Control IC	Remark
1	Motion	0 ~ 255			80h				x

##### 5. Picture Gain Adjust

No	Item	Range	EEPROM	TV/AV/S_Video	Component	PC	DVI/HDMI
1	TCD3 Contrast	0 ~ 255		AV Calibration( <b>78h</b> )	78h	78h	78h
2	TCD3 Brightness	0 ~ 255		AV Calibration( <b>20h</b> )	20h	20h	20h
3	TCD3 CR Saturation	0 ~ 255		78h	78h	78h	78h
4	TCD3 CB Saturation	0 ~ 255		78h	78h	78h	78h
5	TCD3 YC Delay	0 ~ 15		00h	00h	00h	00h
6	Analog Y offset	00 ~ 255		40h	3	40h	40h
7	Analog PB offset	00 ~ 255		80h	DTV Calibration( <b>80h</b> )	80h	80h
8	Analog PR offset	00 ~ 255		80h	DTV Calibration( <b>80h</b> )	80h	80h
9	Analog Y Gain	00 ~ 255		D6h	DTV Calibration( <b>D6h</b> )	D6h	D6h
10	Analog PB Gain	00 ~ 255		FEh	FEh	FEh	FEh
11	Analog PR Gain	00 ~ 255		FEh	FEh	FEh	FEh
12	Black Level Setting	00 ~ 255			00h		
13	Brightness(SVP)	0 ~ 255			00h		

##### 6. MST9863

No	Item	Range	EEPROM	TV/AV/S_Video	Component	PC	DVI/HDMI
1	R-Offset	00 ~ 255		151(SC1 RGB)	X	PC Calibration( <b>128</b> )	X
2	G-Offset	00 ~ 255		151(SC1 RGB)		PC Calibration( <b>128</b> )	
3	B-Offset	00 ~ 255		151(SC1 RGB)		PC Calibration( <b>128</b> )	
4	R-Gain	00 ~ 255		123(SC1 RGB)		PC Calibration( <b>192</b> )	
5	G-Gain	00 ~ 255		123(SC1 RGB)		PC Calibration( <b>192</b> )	
6	B-Gain	00 ~ 255		123(SC1 RGB)		PC Calibration( <b>192</b> )	

##### 6. MSP34XX/44XX

No	Item	Range	EEPROM	PAL
1	FM-Prescale	00 ~ 255		20h
2	NT-M-Prescale	00 ~ 255		20h
3	SECAM-L-Prescale	00 ~ 255		22h
4	NICAM-Prescale	00 ~ 255		42h
5	AV-Prescale	00 ~ 255		1Ah
6	I2S_1 Prescale	00 ~ 255		10h
7	I2S_2 Prescale	00 ~ 255		10h
8	Carrier Mute	00 ~ 255		42h
9	Pilot High	00 ~ 255		14
10	Pilot Low	00 ~ 255		7

##### 7. YC Delay

No	Item	Range	EEPROM	TV/AV/S_Video	Component	PC	DVI/HDMI
1	RF PAL-B/G	00 ~ 255		77h	88h	88h	88h
2	RF PAL-D/K	00 ~ 255		88h			
3	RF PAL-I	00 ~ 255		66h			
4	RF SECAM-B/G	00 ~ 255		88h			
5	RF SECAM-D/K	00 ~ 255		77h			
6	RF SECAM-L/L'	00 ~ 255		88h			
7	RF NTSC3.58	00 ~ 255		<b>66h</b>			
8	RF NTSC4.43	00 ~ 255		CCh			
9	AV PAL	00 ~ 255		77h			
10	AV SECAM	00 ~ 255		<b>88h</b>			
11	AV NTSC 3.58	00 ~ 255		66h			
12	AV NTSC4.43	00 ~ 255		<b>CCh</b>			
13	AV PAL60	00 ~ 255		77h			



## 8. Adjust

No	Item	Range	EEPROM	TV/AV/S_Video	Component	PC	DVI/HDMI	Control IC	Remark
1	Video Mute Time			10					
2	Melody Volume	0 ~ 20		5					
	Ana_Dimm_Max			FEH					
3	TTX Contrast	0 ~ 100		50					
4	TTX Brightness	0 ~ 100		50					
5	TTX Color	0 ~ 100		50					
6	Dynamic Contrast	0 ~ 100		100					Dynamic mode
7	Dynamic Brightness	0 ~ 100		50					
8	Dynamic Color	0 ~ 100		55					
9	Dynamic Sharpness	0 ~ 100		75					
10	Standard Contrast	0 ~ 100		80					Standard mode
11	Standard Brightness	0 ~ 100		50					
12	Standard Color	0 ~ 100		50					
13	Standard Sharpness	0 ~ 100		50					
14	Movie Contrast	0 ~ 100		70					Movie mode
15	Movie Brightness	0 ~ 100		50					
16	Movie Color	0 ~ 100		25					
17	Movie Sharpness	0 ~ 100		45					
No	Item	Range	EEPROM	TV/AV/S_Video	Component/PC/HDMI			Control IC	Remark
1	LNA PLUS								
2	RFDB_1 Level			1					
3	RFDB_2 Level			5					
4	RFDB_3 Level			10					
5	RFDB_4 Level			16					

## 9. I2C Check

10. Chip Debugger : OFF

11. Checksum XXXX XXXX

12. Reset

## 13. Spread Spectrum

1	Spectrum	ON
2	Delta	-3
3	Positive	8
4	Negative	2

### 3 Alignments and Adjustments

## 3-4 Service Adjustment

### 3-4-1 White Balance - Calibration

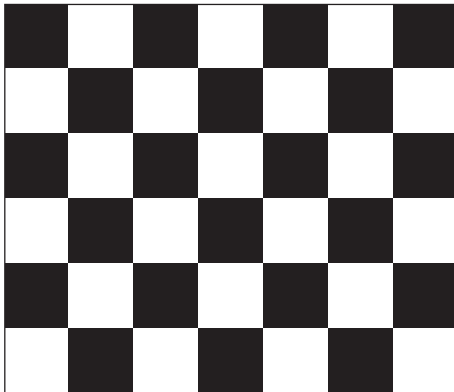
If picture color is wrong, do calibration first.

Equipment : CA210, Patten : chess pattern

Execute calibration in Factory Mode

Source AV : PAL composite, Component : 1280\*720/60Hz

PC : 1024\*768/60Hz



( chess patten )

### 3-4-2 White Balance - Adjustment

If picture color is wrong, check White Balance condition.

Equipment : CA210, Patten : Toshiba

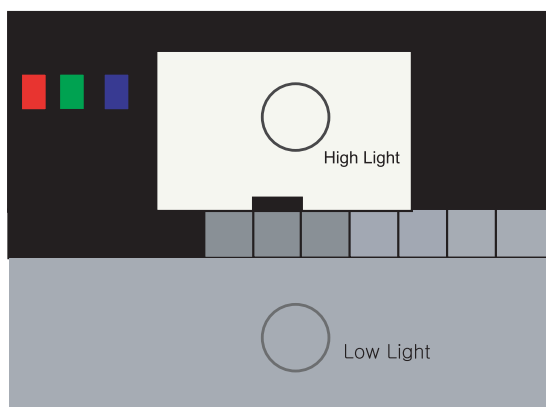
Adjust W/B in Factory Mode

Sub brightness and R/G/B Offset controls low light region

Sub contrast and R/G/B Gain controls high light region

Source AV : PAL composite, Component : 1280\*720/60Hz

HDMI[DVI] : 1280\*720/60Hz



[ Test Pattern : MSPG-945 Series Pattern #16 ]

\*Color temperature

1500K +/-500, -6 ~-20 MPCD

\*Color coordinate

H/L : 267/263 +/- 2 35.0 Ft +/- 2.0Ft

L/L : 270/260 +/- 3 1.5 Ft +/- 0.2Ft

Toshiba Patten

### 3-4-3 Conditions for Measurement

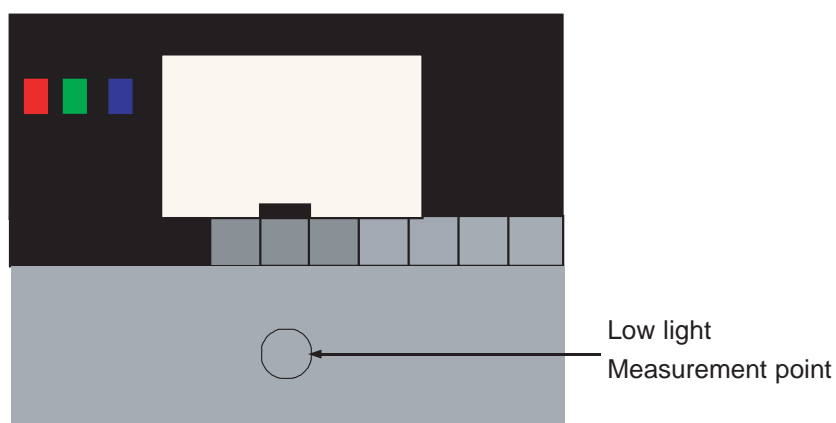
1. On the basis of toshiba ABL pattern : High Light level (57 IRE)
  - INPUT SIGNAL GENERATOR : MSPG-925LTH
    - \* Mode NO 2 : 744X484@60 Hz
    - NO 6 : 1280X720@60 Hz
    - NO 21 : 1024X768@60 Hz
    - \* Pattern NO 36 : 16 Color Pattern
    - NO 16 : Toshiba ABL Pattern
2. Optical measuring device : CA210 (FL)
 

Please use the MSPG-925 LTH generator for model LE26M51B/LE32M51B/LE40M51B/LE46M51B.

### 3-4-4 Method of Adjustment

1. Adjust the white balance of AV, Component and DVI Modes.
  - (AV → Component)
  - a) Set the input to the mode in which the adjustment will be made  
(RF → DTV → PC → DVI).
  - \* Input signal - VIDEO Mode : Model #2 (744\*484 Mode), Pattern #16
    - DTV,DVI Mode : Model #6 (1280\*720 Mode), Pattern #16
    - HDMI Mode: Model #6(1280\*720 Mode), Pattern #16
  - b) Enter factory color control, confirm the data.
  - c) Adjust the low light. (Refer to table 1, 2 in adjustment position by mode)
    - Adjust sub - Brightness to set the 'Y' value.
    - Adjust red offset ('x') and blue offset ('y') to the color coordinates.

Picture 4-2 Toshiba ABL Pattern



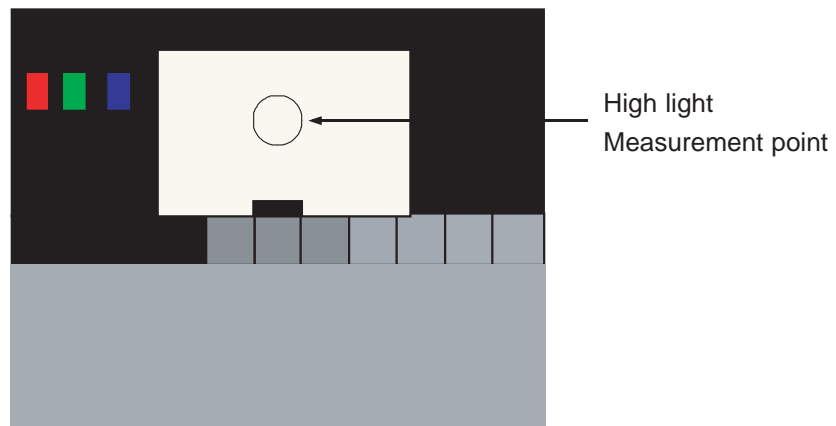
\* Do not adjust green offset data.

- d) Adjust the high light. (Refer to table 1, 2 in adjustment position by mode)
  - Adjust red gain ('x') and blue gain ('y') to the color coordinates.
  - \* Do not adjust the green gain and sub-contrast (Y) data.

### 3 Alignments and Adjustments

- d) Adjust the high light. (Refer to table 1, 2 in adjustment position by mode)
- Adjust red gain ('x') and blue gain ('y') to the color coordinates.
  - \* Do not adjust the green gain and sub-contrast (Y) data.

Picture 4-3 Toshiba ABL Pattern



## 3-5 Software Upgrade

### 3-5-1 How to Update Flash ROM

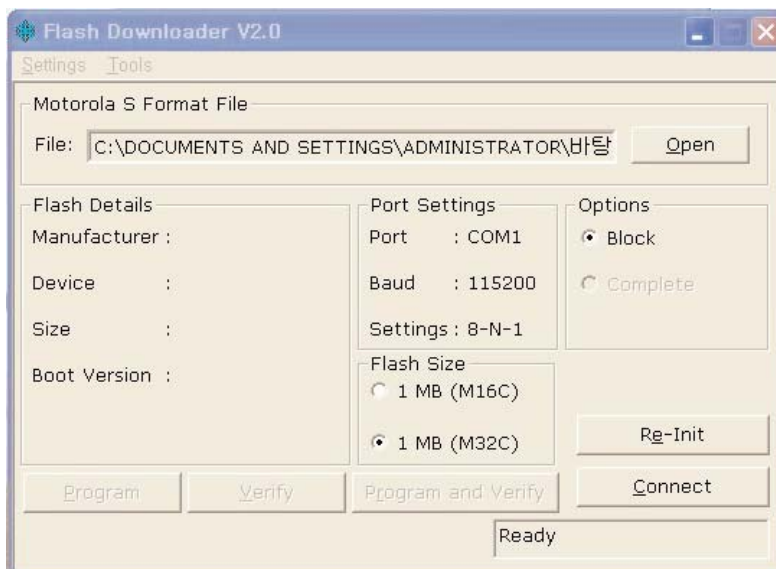
#### 1. Install the Flash Downloader

Connect Set (Service Jack) and Jig Cable to execute Program Update.



#### 2. Flash Downloader program update

- Before Turning on the set, Click "connect" which is under of OSD Screen!
- Turn on the Set.



## 3-6 DTV Program Download & Generals

### 3-6-1 Software Version Check Method

Press the MENU key and select System.

Where you can find the Product Information menu in it.

When you press the Product Information you can find the Software Version.

### 3-6-2 Serial Download Method

- 1) Turn off LCD-TV.
- 2) Connect the RS-232 cable to the LCD-TV
- 3) Execute the sv2\_fr.exe file.
- 4) Assign the path of samsung.tvz file (application image)
- 5) Execute the progress follow the screen until step 2.
- 6) Turn On the LCD-TV.
- 7) If the LCD-TV turn on during the sv2\_fr.exe execution, it will automatically find the COM port and execute the upgrade.

### 3-6-3 Hyper Terminal Setting

Set the hyper terminal to observe the progress of the TV via the RS-232 cable.

Set up hyper terminal.

- 1) When setting up a hyper terminal, set it in sub-program.
- 2) Enter a new name.
- 3) Select a modem port. (com 1 and direct connection.)
- 4) Set the bit/second to 115200.
- 5) Set the data bit to 8.
- 6) No parity bit.
- 7) Set stop bit to 1.
- 8) No flow control.
- 9) Save in memory.
- 10) At this point, the new hyper terminal is ready.

### 3-6-4 Resetting the System Parameters

- 1) Press the MENU button and select the Reset menu of System.
- 2) Press the secret number.
- 3) Press the RED, GREEN, YELLOW, BLUE button in order, after the Reset execute.
- 4) In a few minutes, DTV will booting again.

---

## 4 Troubleshooting

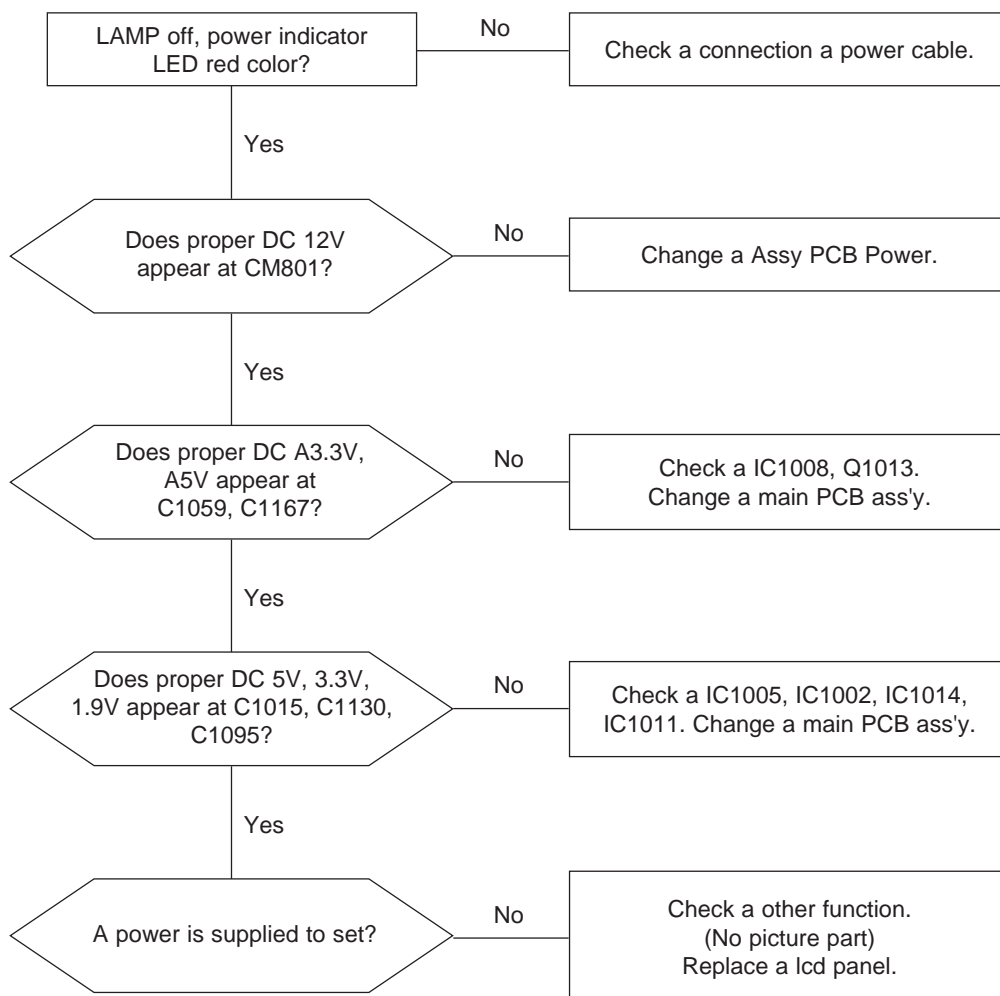
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### 4-1 First Checklist for Troubleshooting

1. Check the various cable connections first.
  - Check to see if there is a burnt or damaged cable.
  - Check to see if there is a disconnected cable connection or a connection is too loose.
  - Check to see if the cables are connected according to the connection diagram.
2. Check the power input to the Main Board.
3. Check the voltage in and out between the SMPS ↔ Main Board, between the SMPS ↔ INVERTER Board, and between the Main LVDS Boards.

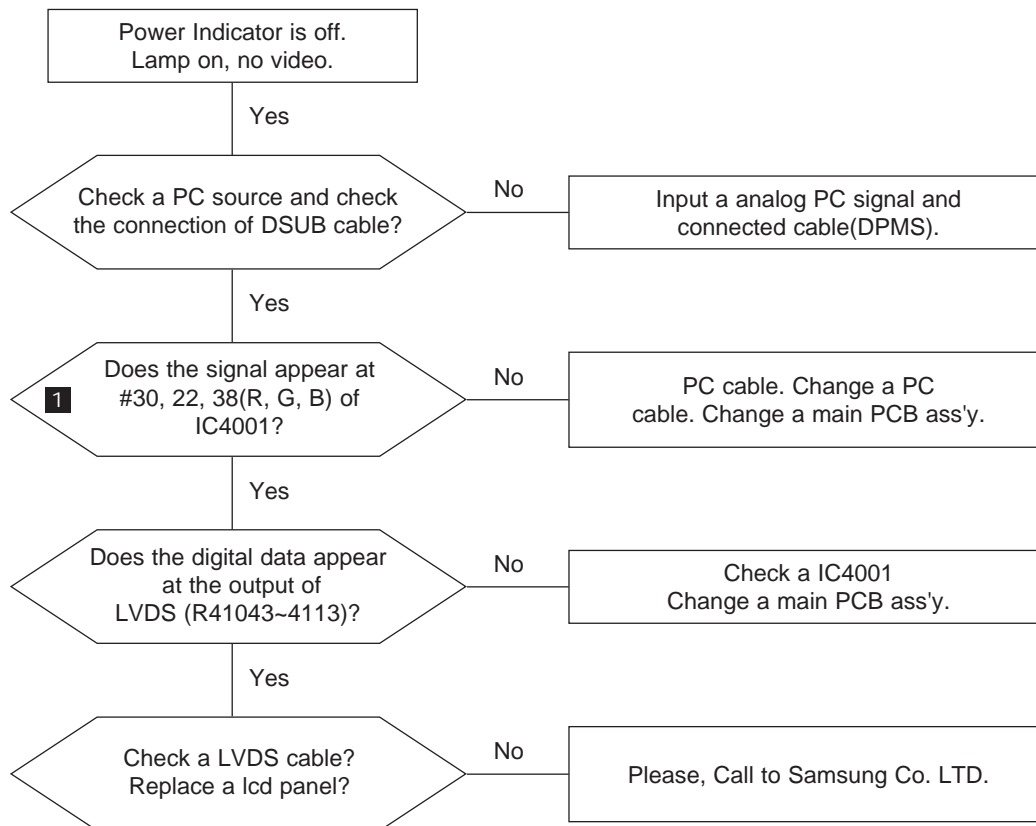
## 4-2 Checkpoints by Error Mode

### 4-2-1 No Power



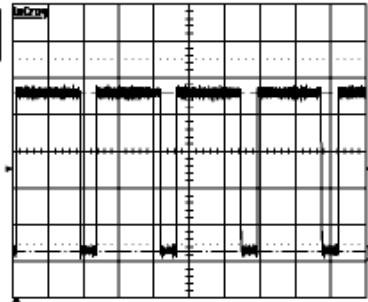


## 4-2-2 No Video (Analog PC)



## WAVEFORMS

## 1 R,G,B Output Signal of IC500

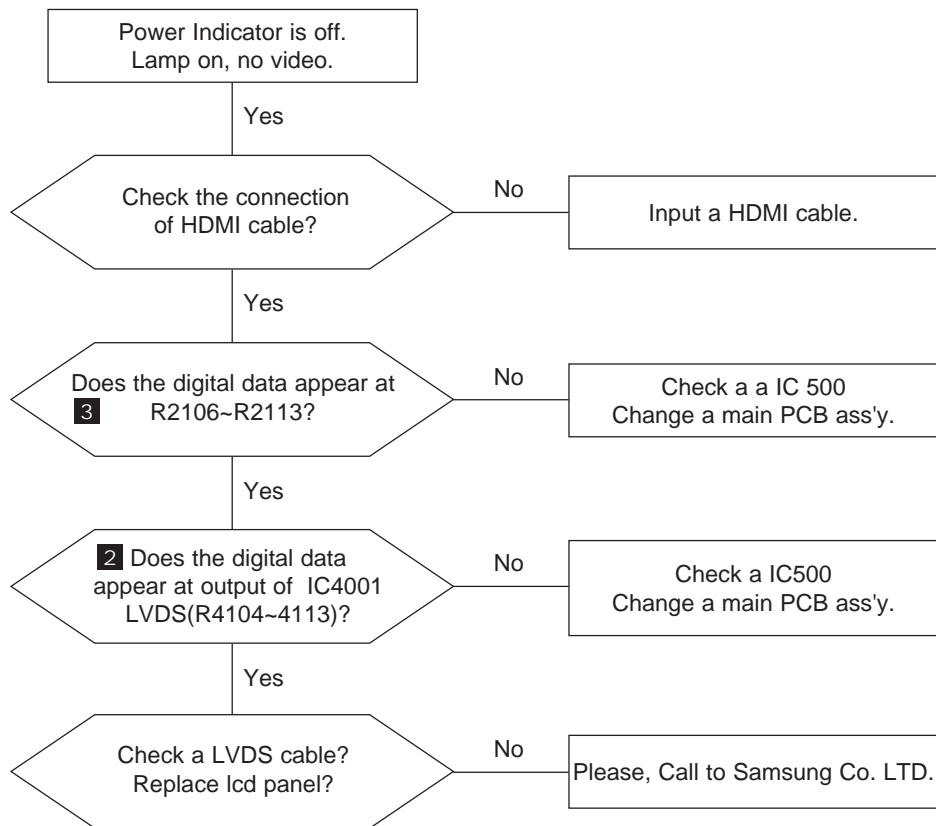
27-Sep-02  
1:42:1918  $\mu$ s  
288mV  
652mV18  $\mu$ s1 28 mV DC  $\bar{\Delta}$   
2 .1 V DC  $\bar{\Delta}$   
3 .1 V DC  $\bar{\Delta}$   
4 .5 V DC  $\bar{\Delta}$ 

1 DC 0.492 V

1.65/s

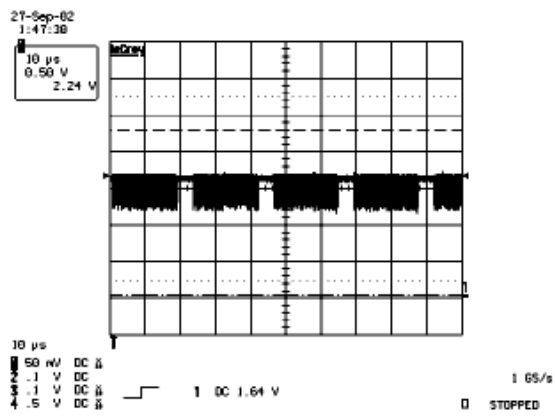
STOPPED

## 4-2-3 No Video (Digital-HDMI)

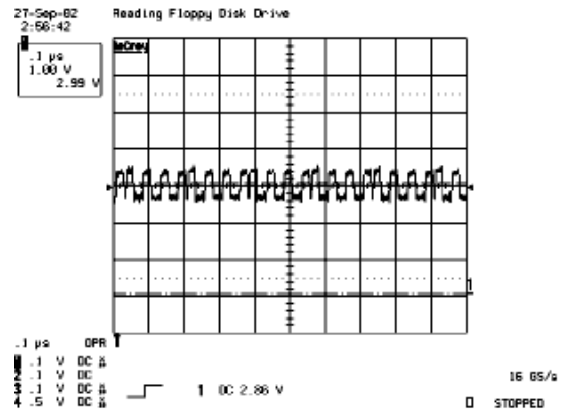


## 4 Troubleshooting

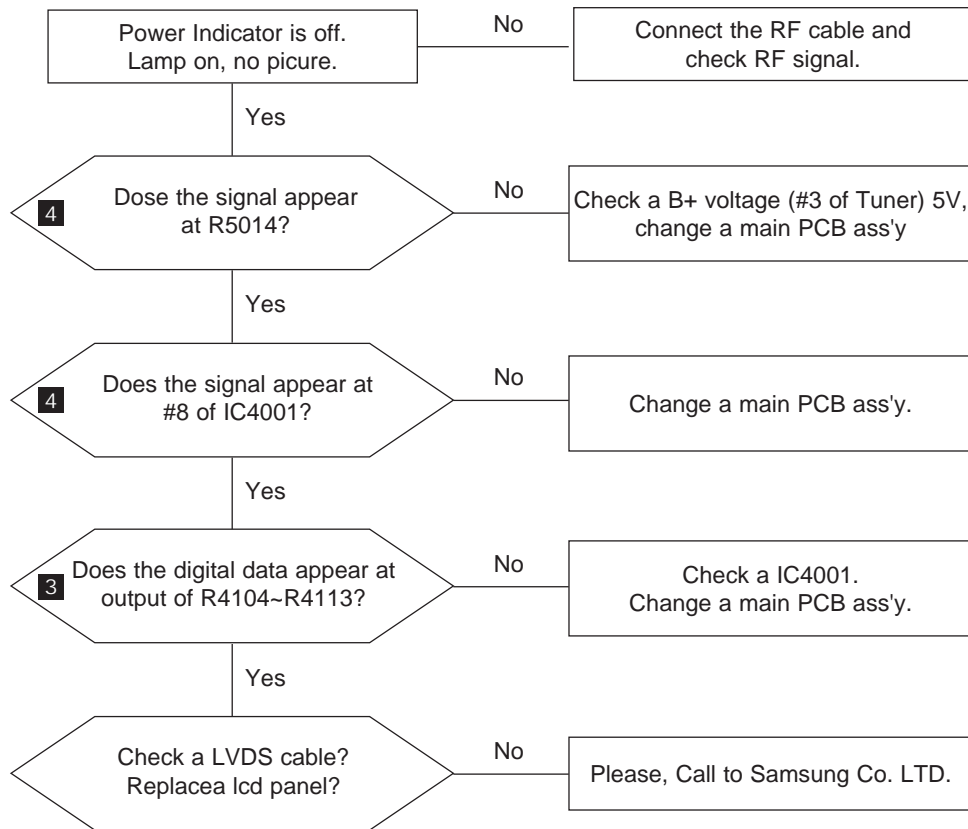
### 2 Digital Output Data of IC500



### 3 Signal of HDMI(Data)

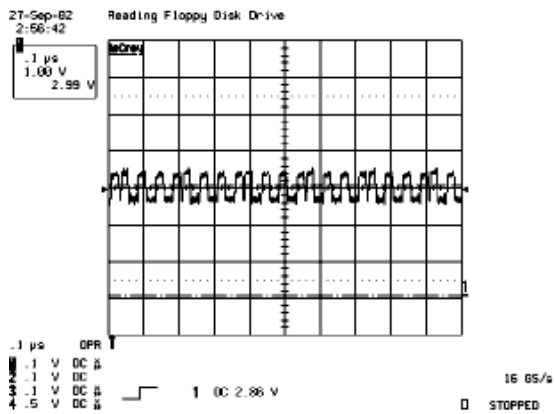


## 4-2-4 No Picture (Tuner\_CVBS)

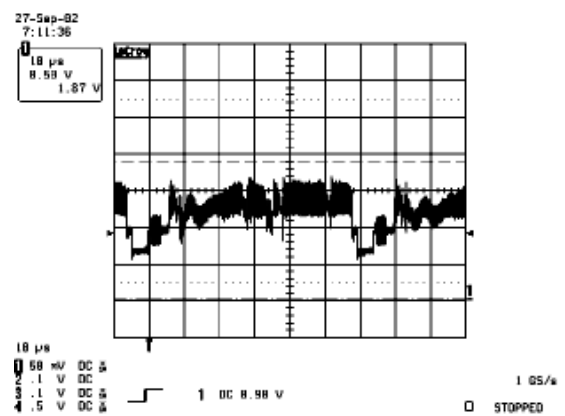


## WAVEFORMS

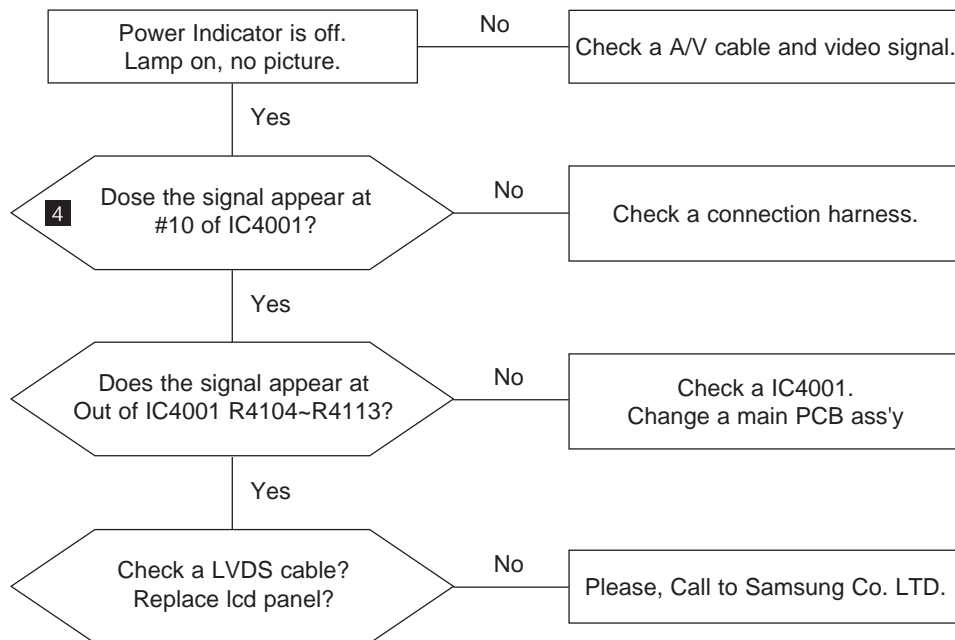
### 3 CVBS Output Signal



#### 4 Tuner\_CVBS Output Signal

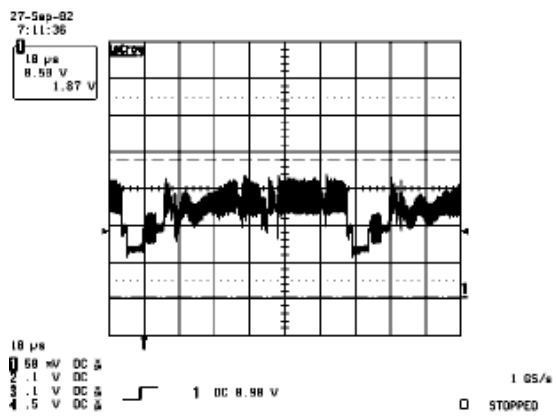


## 4-2-5 No Picture (Video\_CVBS)



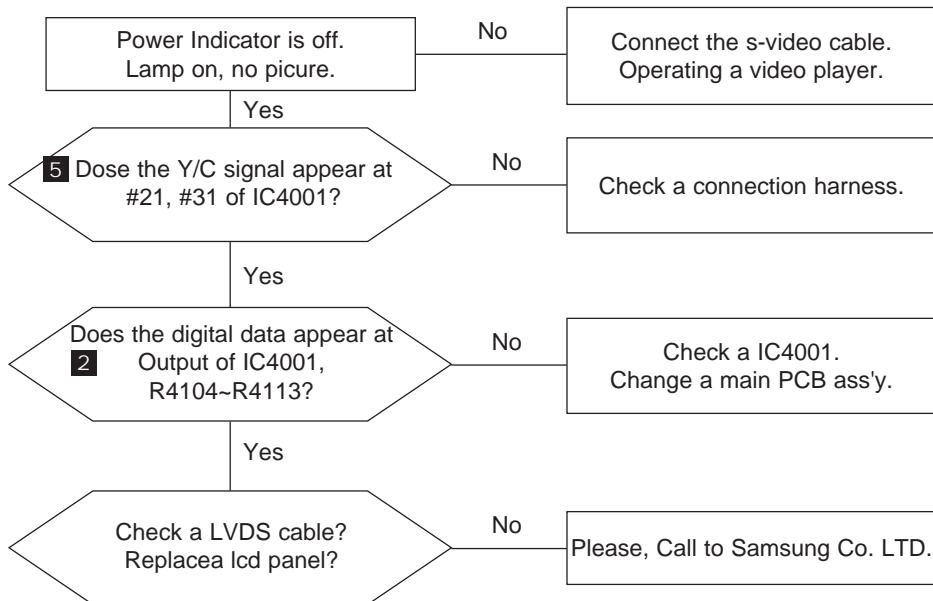
## WAVEFORMS

## 4 CVBS Output Signal

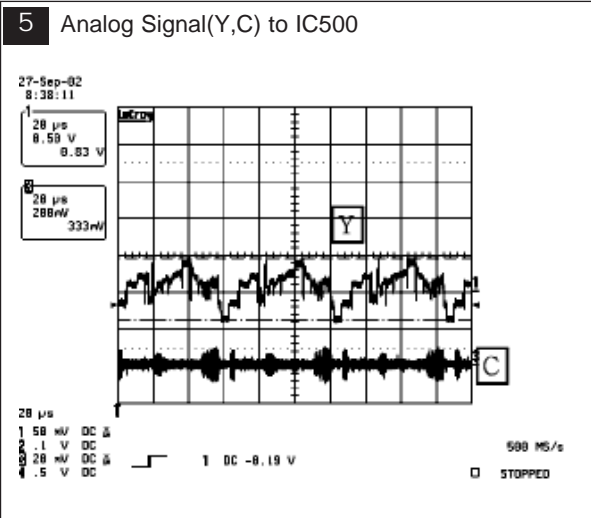
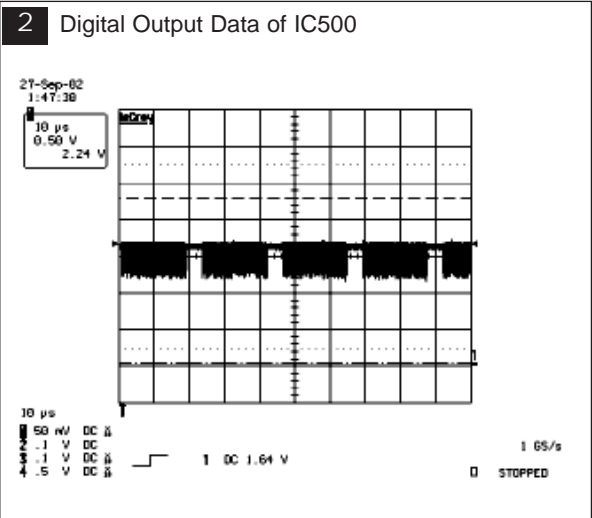




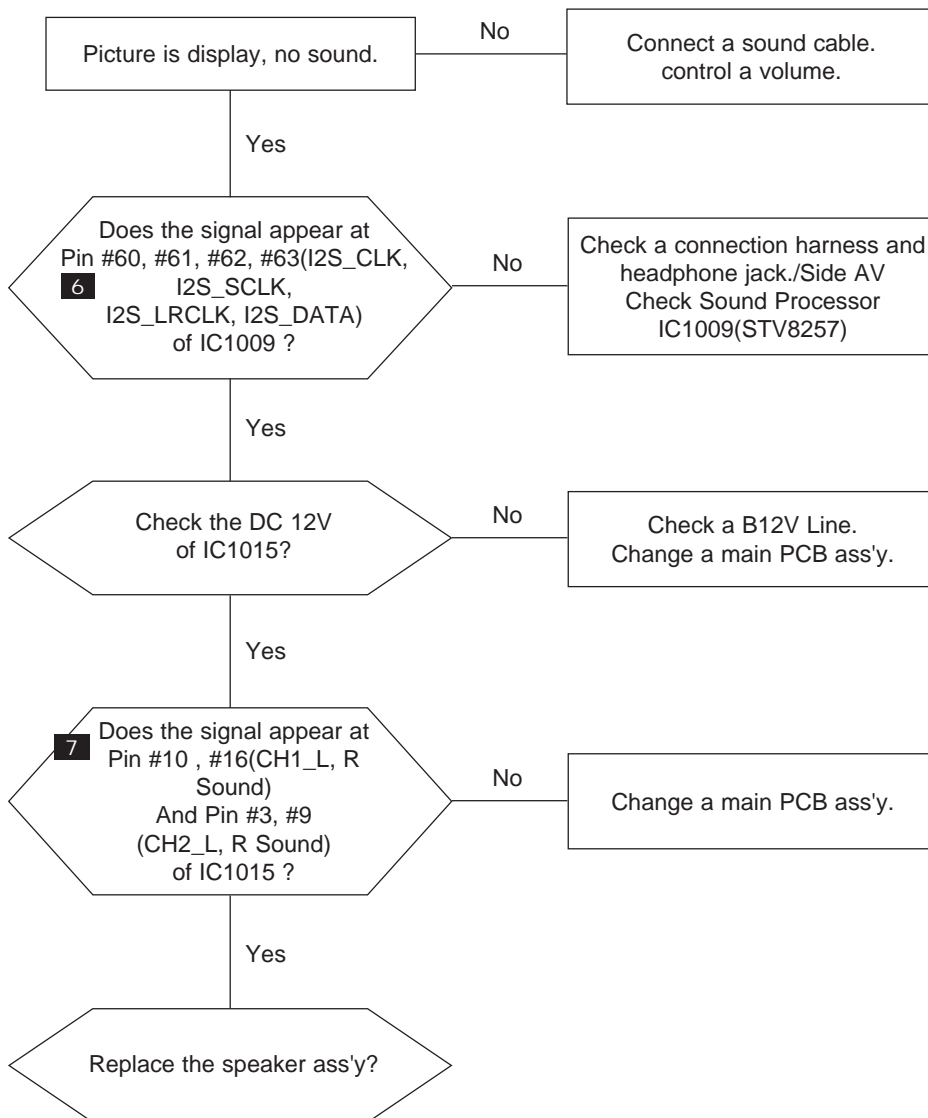
## 4-2-6 No Picture (S-VIDEO\_Y,C)



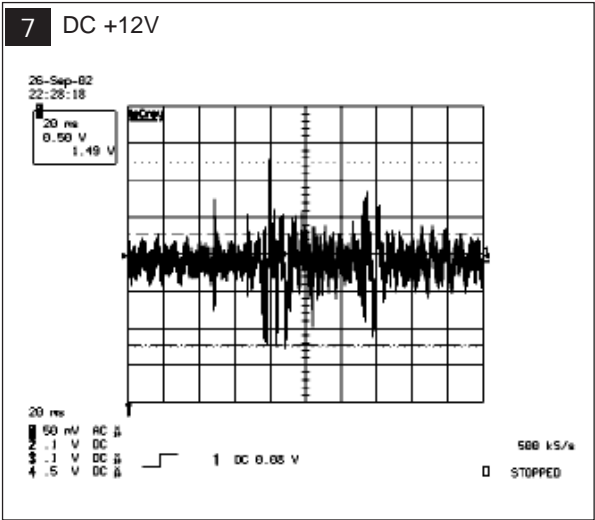
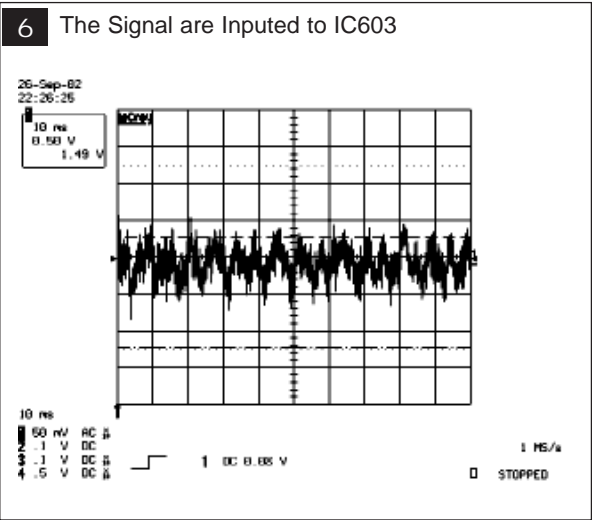
WAVEFORMS



## 4-2-7 No Sound



WAVEFORMS

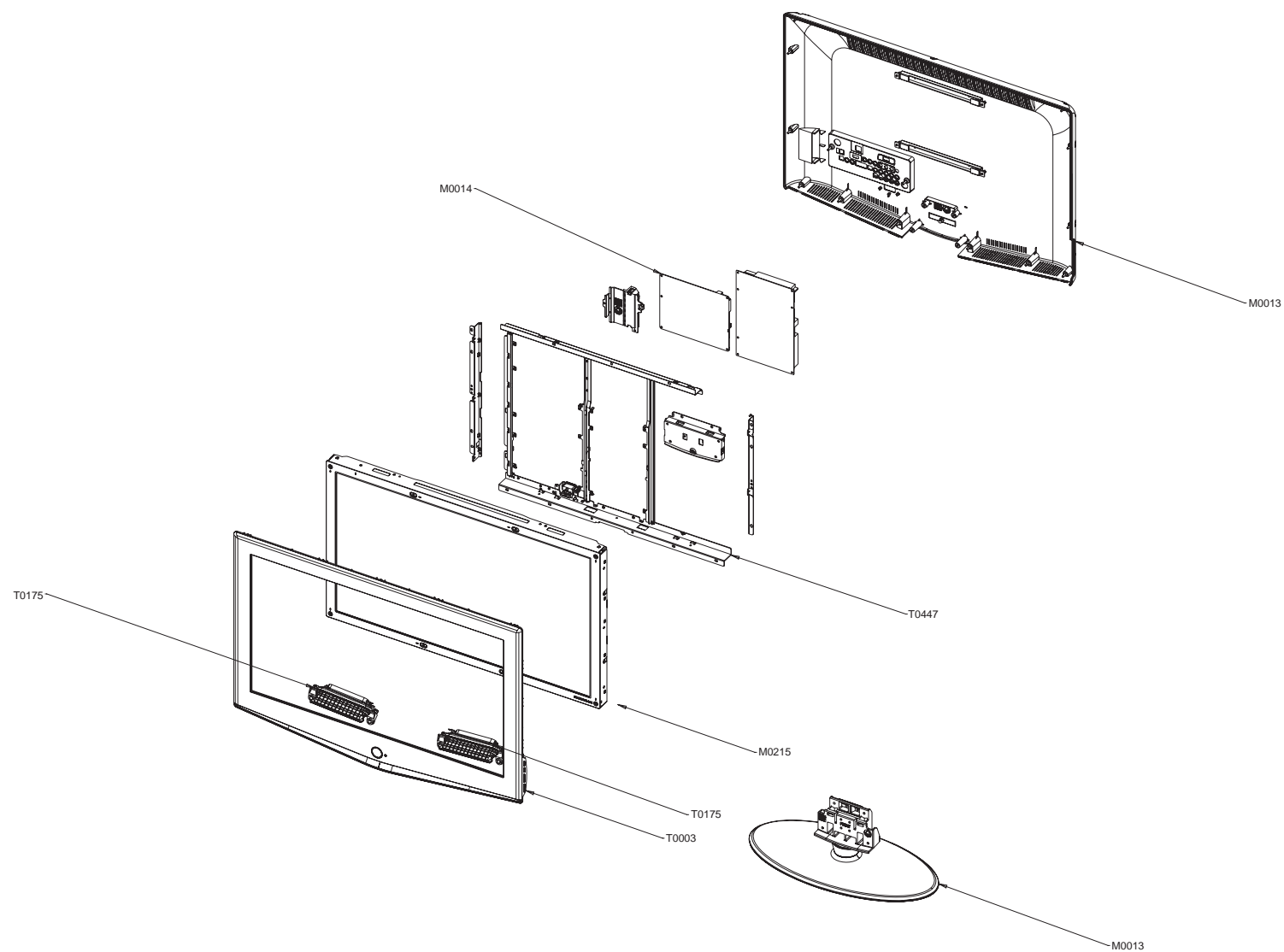


## 5 Exploded View and Parts List

- You can search for updated part codes through ITSELF web site.

URL : <http://itself.sec.samsung.co.kr/>

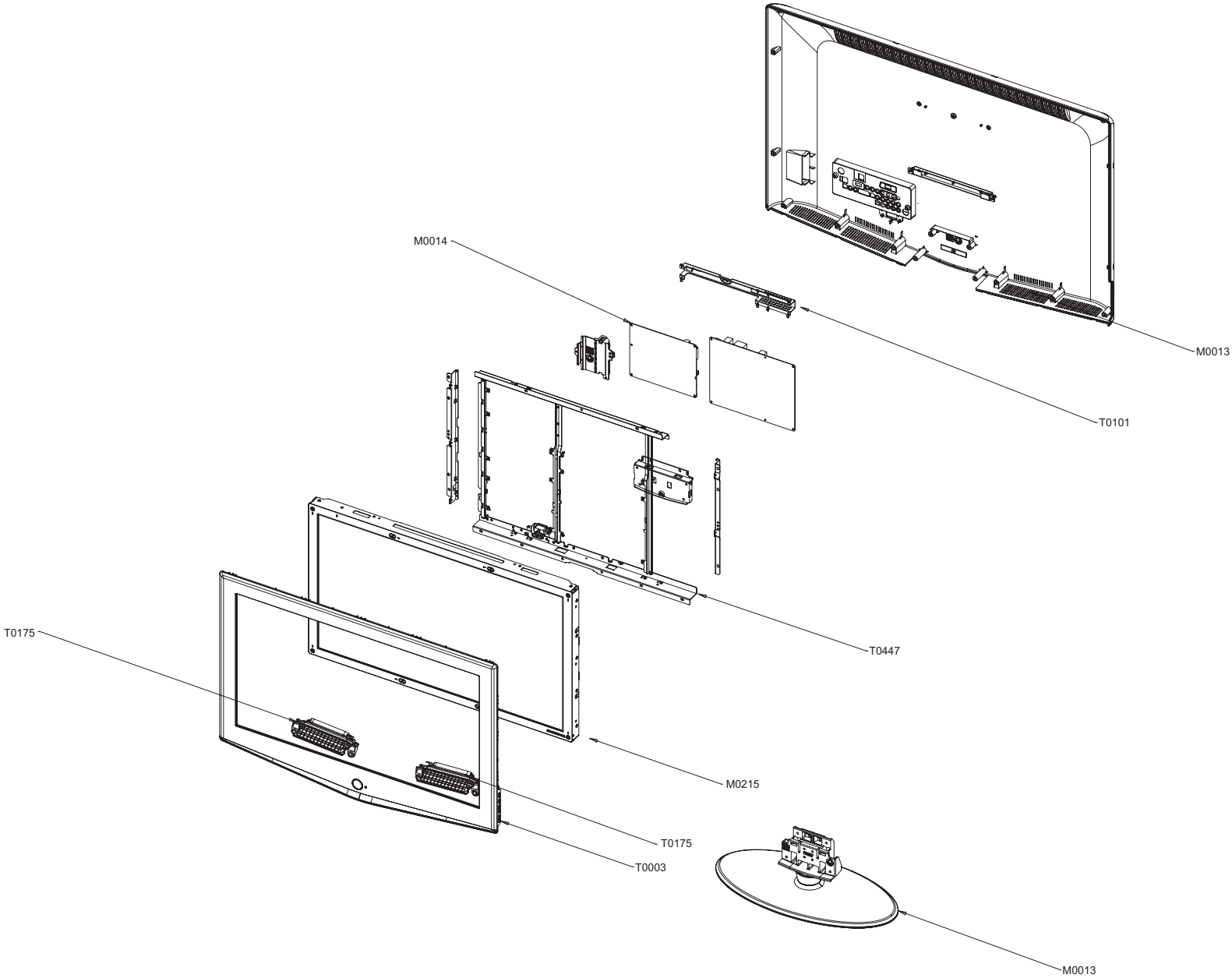
### 5-1 LE32R73BD Exploded View



## 5-2 LE32R73BD Parts list

Location	Code.No	Item & Specification	Q'ty	SA/SNA	Remark
T0003	BN96-03630E	ASSY COVER P-FRONT;32R73,EO(CMO),ABS+PMM	1	S.A	
T0175	BN96-03002A	ASSY SPEAKER P;8ohm,Bordeuax 32"/37"/40"	1	S.A	
T0175	BN96-03003A	ASSY SPEAKER P;8ohm,Bordeuax 32"/37"/40"	1	S.A	
M0215	BN07-00207A	LCD-PANEL;V320B1-L01,Duomo,8bit,760*450*	1	S.A	
T0447	BN96-03440E	ASSY BRACKET P-PANEL;CAMBRIDG32,-,SECC,-	1	S.N.A	
M0014	BN94-01064C	ASSY PCB MAIN;LE32S73BDXXET	1	S.A	
T0159	BN96-03775A	ASSY PCB P-SMPS;FreeVoltage SMPS,LA32R71	1	S.A	
M0013	BN96-02998A	ASSY STAND P-BASE;32R71,-,ABS+PMMA,HB,BK	1	S.A	
M0013	BN96-03244B	ASSY COVER P-REAR;32R73,EO(XET),ABS+PMMA	1	S.A	

5-3 LE40R73BD Exploded View

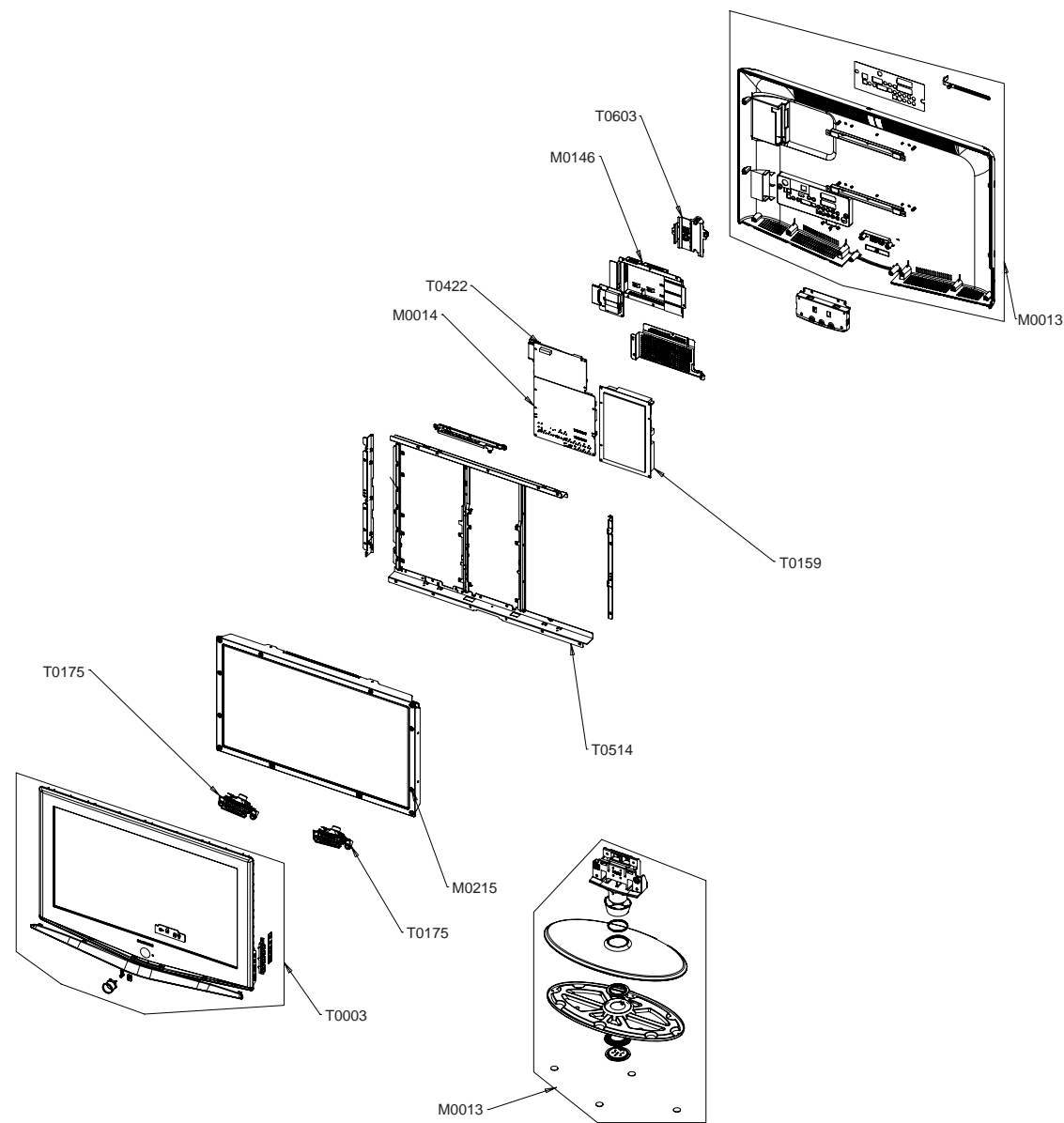


## 5-4 LE40R73BD Parts list

Location	Code.No	Item & Specification	Q'ty	SA/SNA	Remark
T0003	BN96-03011E	ASSY COVER P-FRONT;40R73,EO,ABS+PMMA,HB,	1	S.A	
T0175	BN96-04207A	ASSY SPEAKER P;8ohm,VE Type,Left,10W,Hor	1	S.N.A	
T0175	BN96-04208A	ASSY SPEAKER P;8ohm,VE Type,Right,10W,Ho	1	S.N.A	
M0215	BN07-00264A	LCD-PANEL;LTA400WT-L01,8bit,952*551*51.0	1	S.A	
T0447	BN96-03442B	ASSY BRACKET P-PANEL;CAMBRIDGE40,SECC,AM	1	S.N.A	
M0014	BN94-01064C	ASSY PCB MAIN;LE32S73BDXXET	1	S.A	
T0101	BN61-02427A	BRACKET-WALL;BORDEAUX 40,SECC,T1.2	1	S.N.A	
M0013	BN96-03243B	ASSY COVER P-REAR;40R73,EO(XET),ABS+PMMA	1	S.A	
M0013	BN96-03016A	ASSY STAND P-BASE;40R71,-,ABS+PMMA,HB,BK	1	S.A	



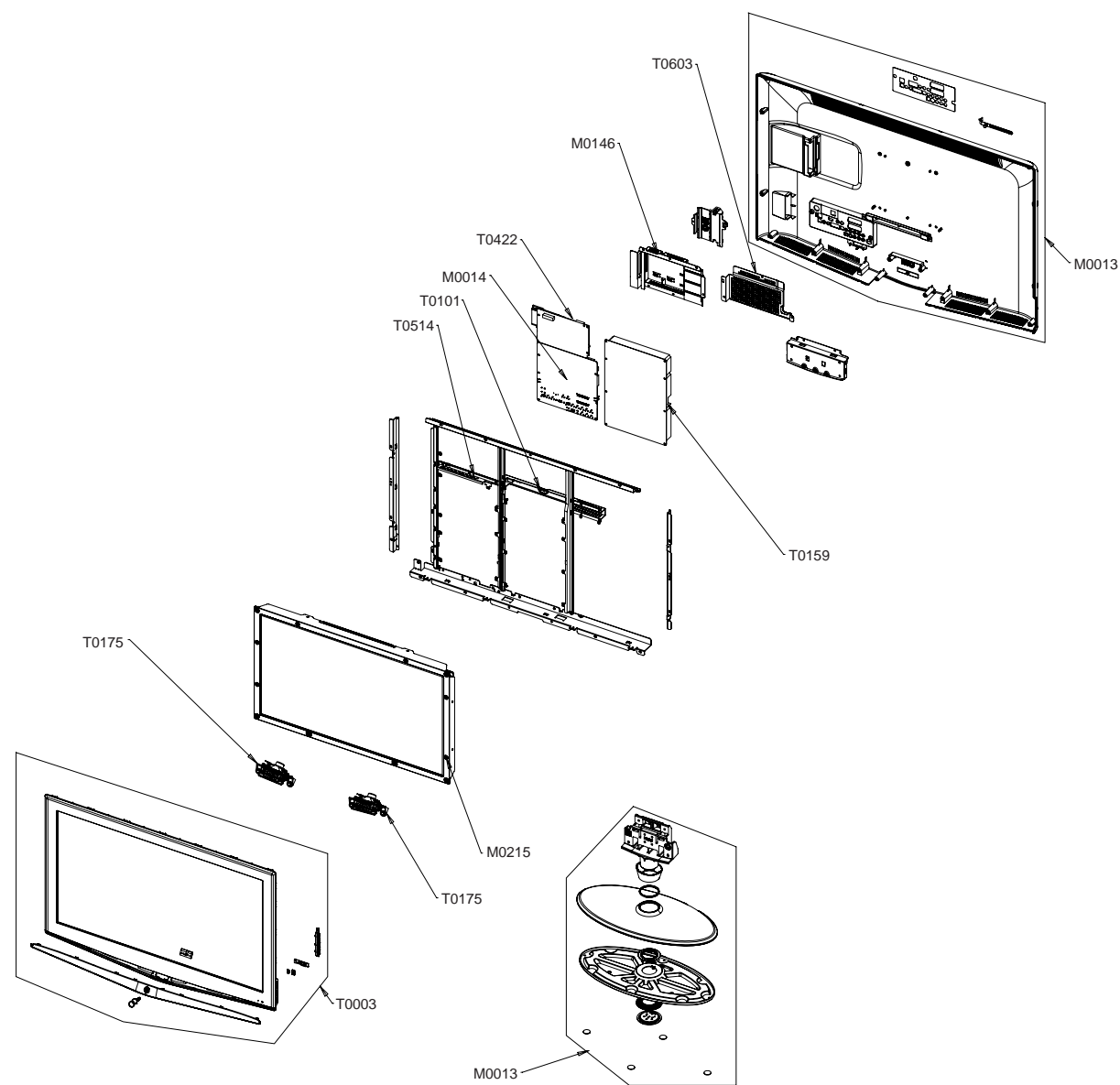
5-5 LE32R74BD Exploded View



## 5-6 LE32R74BD Parts list

Location	Code.No	Item & Specification	Q'ty	SA/SNA	Remark
T0003	BN96-03259B	ASSY COVER P-FRONT;32R74,EO,ABS+PMMA,HB,	1	S.A	
T0175	BN96-03266A	ASSY SPEAKER P;8ohm,Bordeuax2, 32,Left,1	1	S.A	
T0175	BN96-03267A	ASSY SPEAKER P;8ohm,Bordeuax2, 32,Right,	1	S.A	
M0215	BN07-00247A	LCD-PANEL;LTA320WT-L14,-,8BIT,760*450*50	1	S.A	
T0514	BN61-02367A	BRACKET-SUPPORT;BORDEAUX 32,SECC,T2.0	1	S.N.A	
T0159	BN96-03775A	ASSY PCB P-SMPS;FreeVoltage SMPS,LA32R71	1	S.A	
M0014	BN94-01064C	ASSY PCB MAIN;LE32S73BDXXET	1	S.A	
T0422	BN94-01078H	ASSY PCB MISC-DTV MODULE;LE32N73BDX/XEC	1	S.N.A	
M0146	BN96-03437A	ASSY BOARD P-POWER;BORDEAUX2,CT5000-4150	1	S.A	
T0603	BN63-02458A	SHIELD-PCB MAIN;CAMBRIDGE 32,SECC,T0.5,U	1	S.N.A	
M0013	BN96-03244B	ASSY COVER P-REAR;32R73,EO(XET),ABS+PMMA	1	S.A	
M0013	BN96-02998A	ASSY STAND P-BASE;32R71,-,ABS+PMMA,HB,BK	1	S.A	

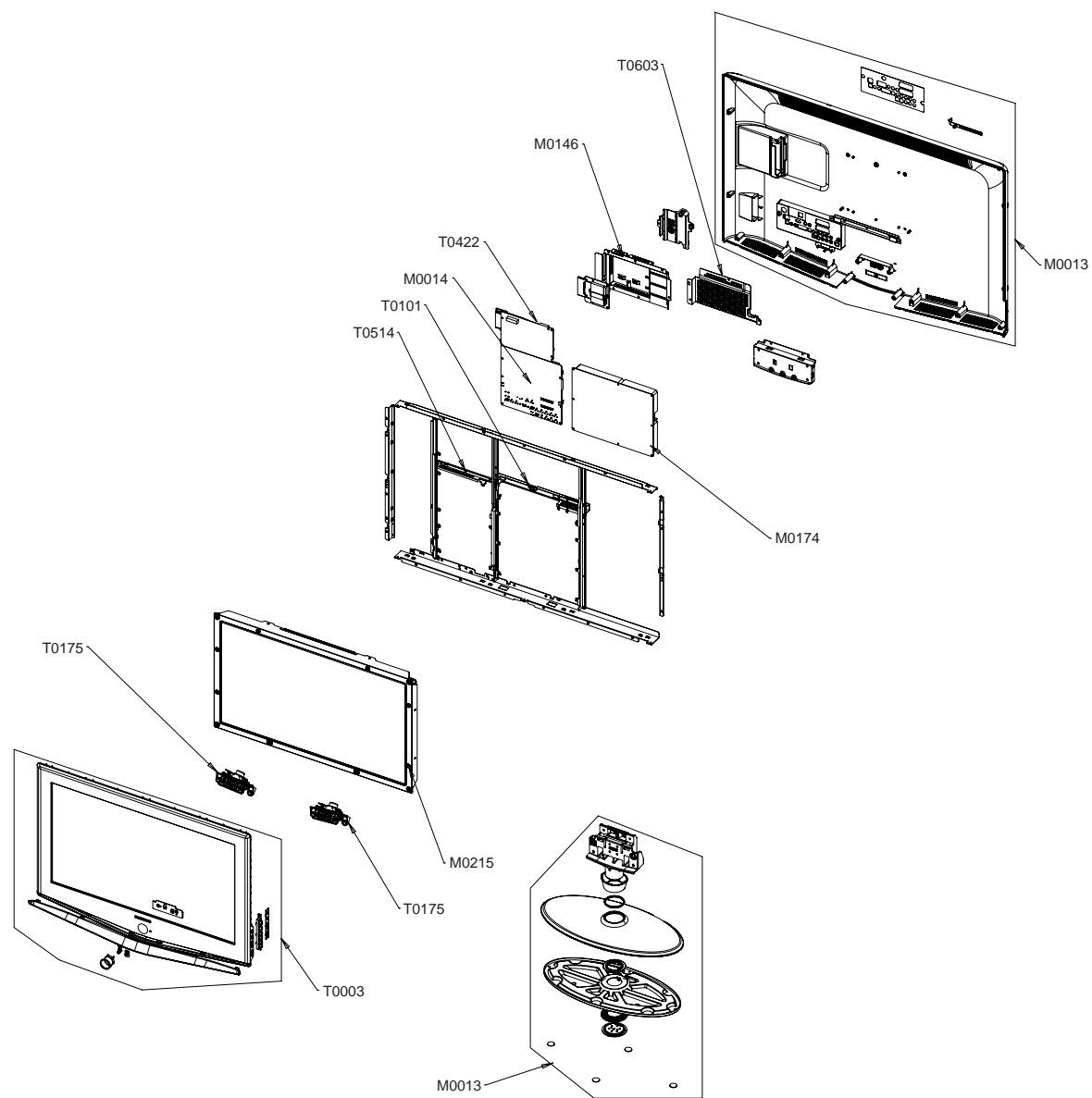
## 5-7 LE37R74BD Exploded View



## 5-8 LE37R74BD Parts list

Location	Code.No	Item & Specification	Q'ty	SA/SNA	Remark
T0003	BN96-03254B	ASSY COVER P-FRONT;37R74,EO,ABS+PMMA,HB,	1	SA	
T0175	BN96-03266A	ASSY SPEAKER P;8ohm,Bordeuax2, 32,Left,1	1	SA	
T0175	BN96-03267A	ASSY SPEAKER P;8ohm,Bordeuax2, 32,Right,	1	SA	
M0215	BN07-00255A	LCD-PANEL;T370XW01,8bit,877.0*514.6*54.7	1	SA	
T0514	BN61-02368A	BRACKET-SUPPORT;BORDEAUX 40,SECC,T1.2	2	SNA	
T0101	BN61-02427A	BRACKET-WALL;BORDEAUX 40,SECC,T1.2	1	SNA	
T0159	BN96-03050A	ASSY PCB P-SMPS;Bordeaux 37 PFC,LE37R71B	1	SNA	
M0014	BN94-01001B	ASSY PCB MAIN-AMZ;LE32R74BDX/*	1	SA	
T0422	BN94-00887A	ASSY PCB MISC-DTV MODULE;DTV MODULE,XEF	1	SNA	
M0146	BN63-02462A	SHIELD CASE;CAMBRIDGE 32,SECC,T0.8,UK	1	SNA	
T0603	BN63-02458A	SHIELD-PCB MAIN;CAMBRIDGE 32,SECC,T0.5,U	1	SNA	
M0013	BN96-03292A	ASSY COVER P-REAR;37R74,EO,ABS+PMMA,HB,B	1	SA	
M0013	BN96-03016A	ASSY STAND P-BASE;40R71,ABS+PMMA,HB,BK23	1	SA	

## 5-9 LE40R74BD Exploded View



5 Exploded View & Parts List

5-10 LE40R74BD Parts list

Location	Code.No	Item & Specification	Q'ty	SA/SNA	Remark
T0003	BN96-03258B	ASSY COVER P-FRONT;40R74,EO,ABS+PMMA,HB,	1	SA	
T0175	BN96-03266A	ASSY SPEAKER P;8ohm,Bordeuax2, 32,Left,1	1	SA	
T0175	BN96-03267A	ASSY SPEAKER P;8ohm,Bordeuax2, 32,Right,	1	SA	
M0215	BN07-00264A	LCD-PANEL;LTA400WT-L01,8bit,952*551*51.0	1	SA	
T0514	BN61-02368A	BRACKET-SUPPORT;BORDEAUX 40,SECC,T1.2	2	SNA	
T0101	BN61-02427A	BRACKET-WALL;BORDEAUX 40,SECC,T1.2	1	SNA	
M0174	BN44-00134A	IP BOARD;SIP40,LE40R71B,2.0~3.0mA,6.0~7.	1	SA	
M0014	BN94-01001B	ASSY PCB MAIN-AMZ;LE32R74BDX/*	1	SA	
T0422	BN94-00887A	ASSY PCB MISC-DTV MODULE;DTV MODULE,XEF	1	SNA	
M0146	BN63-02462A	SHIELD CASE;CAMBRIDGE 32,SECC,T0.8,UK	1	SNA	
T0603	BN63-02458A	SHIELD-PCB MAIN;CAMBRIDGE 32,SECC,T0.5,U	1	SNA	
M0013	BN96-03243A	ASSY COVER P-REAR;40R73,EO,ABS+PMMA,HB,B	1	SA	
M0013	BN96-03016A	ASSY STAND P-BASE;40R71,ABS+PMMA,HB,BK23	1	SA	

## 6 Electrical Parts List

-You can search for updated part codes through ITSELF web site.

URL : <http://itself.sec.samsung.co.kr/>

### 6-1 LE32R73BD Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
0		LE32R73BDX/XEC	LE32R73BD,R62F/32R70-GST,32,LCD-TV,SPAIN	0	
0.1	M0216	BN90-00842A	ASSY STAND;32R71,BORDEAUX	1	S.N.A
..2	M0013	BN96-02998A	ASSY STAND P-BASE;32R71,-,ABS+PMMA,HB,BK	1	S.A
...3	T0081	6002-001294	SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK)	4	S.A
...3	M0081	6003-001239	SCREW-TAPTITE;FH,+,B,M4,L10,ZPC(YEL),SWR	4	S.A
...3	T0920	BN61-02192A	GUIDE-STAND;26,32R71,ABS,V0,BLK	1	S.A
....4	T0514	BN61-02367A	BRACKET-SUPPORT;BORDEAUX 32,SECC,T2.0	1	S.N.A
...3		BN61-02204A	HOLDER-SWIVEL RING;26,32R71,ACETAL,BLK	1	S.N.A
...3		BN61-02232A	HOLDER-SWIVEL RING;32R71,ACETAL NATUAL,T	1	S.N.A
...3		BN61-02233A	HOLDER-SWIVEL RING;32R71,ACETAL NATUAL,B	1	S.N.A
...3		BN61-02235A	BRACKET-STAND BOTTOM;BORDEAUX 32,SECC,T2	1	S.N.A
...3		BN61-02236A	BRACKET-HINGE SWIVEL;BORDEAUX 32,SECC,T1	1	S.N.A
...3	T0004	BN63-02321A	COVER-STAND BASE;32R71,ABS+PMMA,-,-,HB	1	S.N.A
...3		BN63-02322A	COVER-STAND SUB;32R71,ABS+PMMA,HB,BK23,H	1	S.N.A
...3	T0132	BN73-00052A	RUBBER FOOT;ARES 17,SILICON,DIA 17 * T1.	8	S.N.A
...3	CCM1	BN63-02183D	COVER-SHEET;Rhcm,PE Vinyl,T0.05,680mm,20	0.4	S.N.A
..2	T0524	6902-000520	BAG PE;HDPE/NITRON(DOUBLE),T0.015/T0.5(D	1	S.N.A
0.1	M0002	BN90-00873B	ASSY COVER REAR;32R73,EO(XET),CAMBRIDGE	1	S.N.A
..2	T0081	6002-001294	SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK)	2	S.A
..2	T0081	6002-001294	SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK)	13	S.A
..2	M0013	BN96-03244B	ASSY COVER P-REAR;32R73,EO(XET),ABS+PMMA	1	S.A
...3	M0006	BN63-02455B	COVER-REAR;32R73,EO(XET),ABS+PMMA,HB,BK2	1	S.N.A
...3	T0071	BN64-00444F	INLAY-TERMINAL;CAMBRIDGE32,37,40,PS SHEE	1	S.N.A
...3	CCM1	BN63-02183F	COVER-SHEET;Rhcm,PE Vinyl,T0.05,900mm,20	0.7	S.N.A
...3	T0064	BN65-00002A	CLAMPER CORE;BORDEAUX,PP,V0,BLK	1	S.N.A
...3		BN61-02776A	HOLDER-WALL;32R7,ABS,HB,BLK	2	S.N.A
0.1	M0001	BN90-00965U	ASSY COVER FRONT;32R73,EO,(CMO),ABS+PMMA	1	S.N.A
..2	T0175	BN96-03002A	ASSY SPEAKER P;8ohm,Bordeuax 32"/37"/40"	1	S.A
..2	T0175	BN96-03003A	ASSY SPEAKER P;8ohm,Bordeuax 32"/37"/40"	1	S.A
..2	T0003	BN96-03630E	ASSY COVER P-FRONT;32R73,EO(CMO),ABS+PMM	1	S.A
...3	T0060	BN61-01655A	SPRING ETC;STS-304 SUS,D8,L12,T0.5	1	S.N.A
...3	CIS	BN63-01151A	FELT-NON WOVEN;MM17NS,T0.5,393,10,BLACK	2	S.N.A
...3	CCM1	BN63-02183F	COVER-SHEET;Rhcm,PE Vinyl,T0.05,900mm,20	1.48	S.N.A
...3	T0056	BN63-02320A	COVER-DECORATION;32R71,HIPS,HB,GR503,BLM	1	S.N.A
...3	M0112	BN63-02595C	COVER-FRONT;32R73,EO(CMO),ABS+PMMA,HB,BK	1	S.N.A
...3	T0023	BN64-00342A	KNOB POWER;ROME,40,PC,VIOLET	1	S.N.A
...3	T0059	BN64-00366A	INDICATOR LED;ROME-I,PC,CLEAR,ALL MODEL	1	S.N.A
...3	T0054	BN64-00443A	KNOB-DECORATION;32R71,ABS,HB,GR503,VACUU	1	S.N.A
...3	T0061	BN64-00453A	WINDOW-REMOCON;32R71,PC,V0,VIOLET,DIFFUS	1	S.N.A
...3	M0145	BN96-03404A	ASSY BOARD P-FUNCTION&KNOB;Bordeaux,CT50	1	S.A
....4	T0022	BN64-00442A	KNOB CONTROL;26,32,40R71,PC,BLK,ACRYL CL	1	S.N.A
....4	M0145	BN96-03045A	ASSY BOARD P-FUNCTION;BORDEAUX,FUNCTION	1	S.A
...3	M0146	BN96-03405A	ASSY BOARD P-POWER;BORDEAUX1,CT5000-4140	1	S.A
...3	T0069	BP60-00015D	SPACER-FELT;617W,FELT,L760,T0.5,W10	2	S.N.A
...3	M0081	6003-001188	SCREW-TAPTITE;BH,+,B,M4,L10,YEL,SWRCH18A	2	S.N.A
...3	M0081	6003-001188	SCREW-TAPTITE;BH,+,B,M4,L10,YEL,SWRCH18A	2	S.N.A
0.1	T0852	BN91-00875A	ASSY LCD-CMO;A61J-CMO	1	S.N.A
..2	M0215	BN07-00207A	LCD-PANEL;V320B1-L01,Duomo,8bit,760*450"	1	S.A
0.1	M0017	BN91-01006W	ASSY CHASSIS;LE32R74BDX/XEC	1	S.N.A

## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
..2	M0014	BN94-01064C	ASSY PCB MAIN;LE32S73BDXXET	1	S.A
...3	T0245	0202-001492	SOLDER-WIRE FLUX;HSE-02 LFM48 SR-34 S,-	0.25	S.N.A
...3	JA2007	3701-001294	CONNECTOR-DSUB;15P,3R,FEMALE,STRAIGHT,AU	1	S.A
...3	CN902	3703-001600	CONNECTOR-BACK PANEL;32P,2R,FEMALE,ANGLE	1	S.A
...3	CN902	3703-001600	CONNECTOR-BACK PANEL;32P,2R,FEMALE,ANGLE	1	S.A
...3	CN330	3711-004484	HEADER-BOARD TO CABLE;BOX,5P,1R,2mm,STRA	1	S.A
...3	CN330	3711-004909	HEADER-BOARD TO CABLE;BOX,14P,2R,2MM,ANG	1	S.A
...3	CN330	3711-005606	HEADER-BOARD TO CABLE;BOX,30P,2R,2mm,STR	1	S.A
...3	CN330	3711-005942	HEADER-BOARD TO CABLE;BOX,16P,1R,2mm,STR	1	S.A
...3	JA2001	3722-000498	JACK-SCART;21P,-,SN,BLK,NO	1	S.A
...3	JA2005	3722-000498	JACK-SCART;21P,-,SN,BLK,NO	1	S.A
...3	JA330	3722-001061	JACK-PHONE;1P,3.6PI,AG,BLK,N	1	S.A
...3	JA330	3722-001061	JACK-PHONE;1P,3.6PI,AG,BLK,N	1	S.A
...3	JA333	3722-002360	JACK-PIN;3P,AU,GRN/BLU/RED,STRAIGHT	1	S.A
...3	JA333	3722-002362	JACK-PIN;2P,Sn,WHT/RED,STRAIGHT	1	S.A
...3	JA333	3722-002362	JACK-PIN;2P,Sn,WHT/RED,STRAIGHT	1	S.A
...3	JA333	3722-002362	JACK-PIN;2P,Sn,WHT/RED,STRAIGHT	1	S.A
...3	T0562	6046-001013	STAND OFF;M3,L5,Ni PLT,SUM24L,#4-40	2	S.N.A
...3	CIS3	BN40-00080A	TUNER;DNOS403ZH261B(S),DNOS403ZH261B(S),	1	S.A
...3	T0852	BN96-01470A	ASSY BOARD P-OPTICAL;HP-P5581,OPTICAL	1	S.A
...4	CN906	3707-001067	CONNECTOR-OPTICAL;PLUG,SM,-,4.4/2.0mm	1	S.A
...3	T0174	BN97-01137C	ASSY SMD;LE32S73BDX/XET	1	S.N.A
....4	CIS05	0202-001477	SOLDER-CREAM;LST309-M,-,D20-45\$,96.5Sn/	3.577	S.N.A
....4	D2003	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D2010	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D2011	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D2012	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D2013	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D2016	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D2017	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D2018	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D2019	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D2020	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D2021	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D2022	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D2023	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D2032	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D2033	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D2034	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D2044	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D2057	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D5001	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D5002	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D5003	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D5004	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D5005	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D5006	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D1001	0402-000553	DIODE-SCHOTTKY;SS24/B240,40V,2000mA,DO-2	1	S.A
....4	D1004	0402-000553	DIODE-SCHOTTKY;SS24/B240,40V,2000mA,DO-2	1	S.A
....4	D1008	0403-000258	DIODE-ZENER;BZX84C5V6,5.2-6V,225mW,SOT-2	1	S.A
....4	D3003	0403-000258	DIODE-ZENER;BZX84C5V6,5.2-6V,225mW,SOT-2	1	S.A
....4	D2001	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D2002	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D2040	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D2041	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D2042	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D2043	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D2064	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D2065	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D3006	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A



Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	D3008	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D4001	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D4002	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D4003	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D4005	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D4006	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D4007	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D4008	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D4009	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D4010	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D4011	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D4012	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D2004	0403-001016	DIODE-ZENER;RLZ6.2B,5.96-6.27V,500mW,LL-	1	S.A
....4	D2009	0403-001169	DIODE-ZENER;RLZ16C,15.96-16.51V,500MW,LL	1	S.A
....4	D2039	0403-001169	DIODE-ZENER;RLZ16C,15.96-16.51V,500MW,LL	1	S.A
....4	D2005	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2006	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2007	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2008	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2014	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2015	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2024	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2025	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2026	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2027	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2028	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2029	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2030	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2031	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2035	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2036	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2037	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2038	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2051	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2052	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2054	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2055	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2056	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D1002	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	S.A
....4	D1009	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	S.A
....4	D3001	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	S.A
....4	D3002	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	S.A
....4	D3007_32	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	S.A
....4	Q1007	0501-000280	TR-SMALL SIGNAL;KSA1182,PNP,150mW,SOT-23	1	S.A
....4	Q1001	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q1002	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q1005	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q1006	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q1008	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q1009	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q1010	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q1011	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q1013	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q1014	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q2001	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q3001	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q3003	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q3008	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q3010	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q3011	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A

## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	Q4001	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q5010	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q1003	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	SA
....4	Q1004	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	SA
....4	Q5011	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	SA
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	SA
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	SA
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	SA
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	SA
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	SA
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	SA
....4	Q409	0505-001170	FET-SILICON;SI9933ADY-T1,P,-20V,3.4A,0.0	1	SA
....4	IC104	0801-002095	IC-CMOS LOGIC;74LCX245,TRANSCIEIVER,TSSOP	1	SA
....4	IC3002	0903-001432	IC-MICROCOMPUTER;M30840SGP,16Bit,LQFP,10	1	S.N.A
....4	IC1003	1001-000164	IC-ANALOG MULTIPLEX;74HC4052,CMOS,SOP,16	1	SA
....4	IC1006	1001-000164	IC-ANALOG MULTIPLEX;74HC4052,CMOS,SOP,16	1	SA
....4	IC106	1001-001082	IC-VIDEO SWITCH;BA7657F,-,SOP,24P,300MIL	1	SA
....4	IC3006	1001-001109	IC-ANALOG SWITCH;FST3125M,BUS SWITCH & C	1	SA
....4	IC5005	1001-001109	IC-ANALOG SWITCH;FST3125M,BUS SWITCH & C	1	SA
....4	IC107	1002-001399	IC-D/A CONVERTER;PCM1754,24BIT,SSOP,16P,	1	SA
....4	IC110	1006-001076	IC-DRIVER/RECEIVER;MAX232CEWE+T,SOP,16P,	1	SA
....4	IC112	1103-000129	IC-EEPROM;24C02,2Kbit,256x8Bit,SOP,8P,5x	1	SA
....4	IC112	1103-000129	IC-EEPROM;24C02,2Kbit,256x8Bit,SOP,8P,5x	1	SA
....4	IC112	1103-001279	IC-EEPROM;24C32,32Kbit,4Kx8Bit,SOP,8P,5x	1	SA
....4	IC5002	1105-001538	IC-VIDEO RAM;K4D263238,-,128M,4x1Mx32Bit	1	SA
....4	DU410	1201-000166	IC-OP AMP;LM358,SOP,ST,8P,150MIL,DUAL,10	1	SA
....4	T0085	1201-002136	IC-AUDIO AMP;LM4810,MSOP,8P,3x3mm,DUAL,-	1	SA
....4	T0085	1201-002246	IC-AUDIO AMP;STA323W,SO,36P,15.9x11mm,-,	1	SA
....4	IC150	1203-001009	IC-SWITCH REG.;3172,SOP,8P,244MIL,PLASTI	1	SA
....4	IC3009	1203-001559	IC-RESET;DS1834A,SOIC,8P,150MIL,PLASTIC,	1	SA
....4	T0087	1203-001815	IC-POSIFIXED REG.;78M09,TO-252,3P,-,PLA	1	SA
....4	T0087	1203-001816	IC-POSIFIXED REG.;78M08,TO-252,3P,-,PLA	1	SA
....4	IC3008_32	1203-001824	IC-VOL. DETECTOR;7042,SOT-89,3P,-,PLASTI	1	SA
....4	T0087	1203-002842	IC-POSIFIXED REG.;AP1117D-33A,TO-252,3P	1	SA
....4	T0087	1203-002842	IC-POSIFIXED REG.;AP1117D-33A,TO-252,3P	1	SA
....4	T0087	1203-002842	IC-POSIFIXED REG.;AP1117D-33A,TO-252,3P	1	SA
....4	T0087	1203-002855	IC-POSIFIXED REG.;MC33269DTRK-5.0,DPRK,	1	SA
....4	T0087	1203-002974	IC-POSIFIXED REG.;AP1117D-25A,TO-252,3P	1	SA
....4	T0170	1203-003059	IC-SWITCH VOL. REG.;MP1583,SOIC,8P,4.9x3	1	SA
....4	IC1009	1204-002464	IC-AUDIO PROCESSOR;STV8257DSX,TQFP,80P,1	1	SA
....4	IC118	1204-002503	IC-VIDEO PROCESS;SVP-PX56-7256,PQFP,256P	1	S.N.A
....4	R2024	2007-000040	R-CHIP;150ohm,1%,1/10W,TP,1608	1	SA
....4	R5026	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	SA
....4	R5029	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	SA
....4	R3088	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	R3100	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	R3101	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	R3102	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	R3103	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	R3104	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	R3105	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	R3106	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	R3107	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	R3130	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	R3141	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	R5013	2007-000060	R-CHIP;100Kohm,1%,1/10W,TP,1608	1	SA
....4	R1066	2007-000067	R-CHIP;15Kohm,1%,1/10W,TP,1608	1	SA
....4	R1059	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R1085	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R1086	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R1087	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R2055	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R2064	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R2069_32	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R2070_32	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R2071_32	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R2080	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R2088_32	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R2089_32	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R2090_32	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R2091_32	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R3003	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R3024	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R3025_LVDS	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R3026	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R3027	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R3028	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R3029	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R3031	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R3032	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R3033	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R3035	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R3037	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R3039	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R3040	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R3041	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R3043	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R3047_LVDS	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R3089	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R3090	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R3117	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R3118	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R3132	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R4001	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R4002	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R4003	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R4012	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R4016	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R4017	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R4018	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R4019	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R4032	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R4033	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R4035	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R4051_32	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R4086_EN	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R4090	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R5012	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R5014	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R5068	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R5076	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R5084	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R5087	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R5099	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R5100	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R5101	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R5103	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R5115	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R5116	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R5117	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R5120	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A

## 6 Electrical Parts List

[illegible]

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## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R2005	2007-000076	R-CHIP;330ohm,5%,1/10W,TP,1608	1	SA
....4	R2035	2007-000076	R-CHIP;330ohm,5%,1/10W,TP,1608	1	SA
....4	R2040	2007-000076	R-CHIP;330ohm,5%,1/10W,TP,1608	1	SA
....4	R1098	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
....4	R2004	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
....4	R2006	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
....4	R2033	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
....4	R2034	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
....4	R2037	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
....4	R2039	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
....4	R2042	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
....4	R2043	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
....4	R2074	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
....4	R2075	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
....4	R2077	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
....4	R2079	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
....4	R3128	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
....4	R3133	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
....4	R4030	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
....4	R4031	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
....4	R4099	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
....4	R5091	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
....4	R5093	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
....4	R1074	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R2009	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R2016	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R3001	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R3019	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R3030	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R3121	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R3138	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R3139	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R4025	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R4026	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R4027	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R4034	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R4053	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R4096	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R4103	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R5043	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R3016	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	SA
....4	R3017	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	SA
....4	R3071	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	SA
....4	R3072	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	SA
....4	R4100	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	SA
....4	R4101	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	SA
....4	R1035	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R1058	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R1060	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3002	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3014	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3015	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3018	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3020	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3021	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3022	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3036	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3038	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3070	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3079	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA

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## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R5119	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608	1	SA
....4	R1062	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	SA
....4	R1068	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	SA
....4	R1075	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	SA
....4	R1079	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	SA
....4	R1080	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	SA
....4	R2010	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	SA
....4	R2011	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	SA
....4	R2012	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	SA
....4	R3099	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	SA
....4	R1001	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R1002	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R1003	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R1004	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R1005	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R1006	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R1007	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R1008	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R1019	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R1020	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R1021	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R1022	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R1023	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R1024	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R1025	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R1026	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R1027	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R1028	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R1029	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R1030	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R1043	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R1044	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R1045	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R1046	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R1034	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	SA
....4	R1064	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	SA
....4	R1069	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	SA
....4	R1072	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	SA
....4	R1073	2007-000107	R-CHIP;470Kohm,5%,1/10W,TP,1608	1	SA
....4	R4021	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	R4022	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	R4023	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	R4024	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	R1036	2007-000119	R-CHIP;560ohm,5%,1/10W,TP,1608	1	SA
....4	R1078	2007-000122	R-CHIP;1.2Kohm,5%,1/10W,TP,1608	1	SA
....4	R1031	2007-000123	R-CHIP;1.5Kohm,5%,1/10W,TP,1608	1	SA
....4	R5053	2007-000123	R-CHIP;1.5Kohm,5%,1/10W,TP,1608	1	SA
....4	R5054	2007-000123	R-CHIP;1.5Kohm,5%,1/10W,TP,1608	1	SA
....4	R5055	2007-000123	R-CHIP;1.5Kohm,5%,1/10W,TP,1608	1	SA
....4	R3129	2007-000124	R-CHIP;2.2Kohm,5%,1/10W,TP,1608	1	SA
....4	R1096	2007-000125	R-CHIP;3.9Kohm,5%,1/10W,TP,1608	1	SA
....4	R1076	2007-000129	R-CHIP;27Kohm,5%,1/10W,TP,1608	1	SA
....4	R5015	2007-000133	R-CHIP;330Kohm,5%,1/10W,TP,1608	1	SA
....4	R2119	2007-000287	R-CHIP;100OHM,1%,1/10W,TP,1608	1	SA
....4	R2098	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R2099	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R2100	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R2101	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R2102	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R2103	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA



Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R2104	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R2105	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3044	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3048	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3049_1M	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3050_1M	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3056	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3060	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3061	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3064	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3066	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3067	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3068	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3069	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3091	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3092	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3093	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3094	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3095	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3096	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3097	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3098	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R5045	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R5046	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R5047	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R2017	2007-000458	R-CHIP;18Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2052	2007-000458	R-CHIP;18Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3012	2007-000704	R-CHIP;3.6Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3013	2007-000704	R-CHIP;3.6Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1077	2007-000708	R-CHIP;3.9Kohm,1%,1/10W,TP,1608	1	S.A
....4	R4122	2007-000903	R-CHIP;430ohm,1%,1/10W,TP,1608	1	S.A
....4	R2019	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	S.A
....4	R2020	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	S.A
....4	R2021	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	S.A
....4	R2066	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	S.A
....4	R2067	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	S.A
....4	R2076	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	S.A
....4	R2078	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	S.A
....4	R2082	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	S.A
....4	R2083	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	S.A
....4	R2094	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	S.A
....4	R2095	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	S.A
....4	R5035	2007-001014	R-CHIP;51OHM,5%,1/10W,TP,1608	1	S.A
....4	R5039	2007-001014	R-CHIP;51OHM,5%,1/10W,TP,1608	1	S.A
....4	R2030	2007-001131	R-CHIP;68ohm,1%,1/10W,TP,1608	1	S.A
....4	R2056	2007-001131	R-CHIP;68ohm,1%,1/10W,TP,1608	1	S.A
....4	R2014	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R2015	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R2025	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R2026	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R2027	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R2032	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R2062	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R2085	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R2086	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R2087	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R2036	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	S.A
....4	R2038	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	S.A
....4	R2041	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	S.A
....4	R2046	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	S.A

## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R2047	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	SA
....4	R2048	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	SA
....4	R2054	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	SA
....4	R2059	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	SA
....4	R5016	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	SA
....4	R1057	2007-007299	R-CHIP;6.81Kohm,1%,1/10W,TP,1608	1	SA
....4	R2118	2007-007733	R-CHIP;51ohm,1%,1/10W,TP,1608	1	SA
....4	R1083	2007-008720	R-CHIP;4.7ohm,1%,1/4W,TP,3216	1	SA
....4	R1088	2007-008720	R-CHIP;4.7ohm,1%,1/4W,TP,3216	1	SA
....4	R1094	2007-008720	R-CHIP;4.7ohm,1%,1/4W,TP,3216	1	SA
....4	R1097	2007-008720	R-CHIP;4.7ohm,1%,1/4W,TP,3216	1	SA
....4	RA5001	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	RA5002	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	RA5003	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	RA5004	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	RA5005	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	RA5006	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	RA5007	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	RA5010	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	RA3004	2011-000651	R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA3005	2011-000651	R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA3007	2011-000651	R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA3008	2011-000651	R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA3009	2011-000651	R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA3011	2011-000651	R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA3001	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA3002	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA3003	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA3006	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA3010	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA3012	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA3013	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA3014	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA3015	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA3016	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA3017	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA3018	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA3019	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA3020	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA4001	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA4002	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	C1158	2203-000125	C-CER,CHIP;1.2nF,10%,50V,X7R,TP,1608,-	1	SA
....4	C1037	2203-000140	C-CER,CHIP;1.5nF,10%,50V,X7R,1608	1	SA
....4	C1062	2203-000140	C-CER,CHIP;1.5nF,10%,50V,X7R,1608	1	SA
....4	C1004	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C1006	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C1008	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C1016	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C1021	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C1025	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C1027	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C1043	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C1046	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C1052	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C1053	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C1054	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C1055	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C1075	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C1084	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C1086	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA

[illegible]

## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C4076	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C4077	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C4080	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C4081	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C4083	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C4084	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C4085	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C4086	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C4095	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C4128	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C5026	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C5038	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C5043	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C5022	2203-000221	C-CER,CHIP;100nF,20%,50V,Y5V,TP,3216	1	SA
....4	C1050	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C1134	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C1135	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C1161	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C1162	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C1163	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C2003	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C2004	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C2005	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C2006	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C2007	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C2011	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C2012	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C2013	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C2014	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C2019	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C2020	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C2022_DE	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C2023	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C2024	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C2025	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C2027	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C2028	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C2032	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C3024	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C3025	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C5059	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C5068	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C5069	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C5084	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C5085	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C1002	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C1005	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C1013	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C1022	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C1026	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C1034	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C1049	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C1094	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C3035	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C4005	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C4006	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C4007	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C4008	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C4009	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C4124	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C5006	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C5007	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C5008	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C5009	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C5010	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C5017	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C5036	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C5040	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C5061	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C5062	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C5064	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C1110	2203-000405	C-CER,CHIP;0.18nF,5%,50V,C0G,1608	1	S.A
....4	C1121	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C3002	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C3003	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C3007	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C3020	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C3021	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C3029	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C4119	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C5087	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C4058	2203-000531	C-CER,CHIP;2.7nF,10%,50V,X7R,1608	1	S.A
....4	C4066	2203-000531	C-CER,CHIP;2.7nF,10%,50V,X7R,1608	1	S.A
....4	C4001	2203-000552	C-CER,CHIP;0.02nF,5%,50V,C0G,1608	1	S.A
....4	C4011	2203-000552	C-CER,CHIP;0.02nF,5%,50V,C0G,1608	1	S.A
....4	C1070	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	S.A
....4	C1082	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	S.A
....4	C3012	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	S.A
....4	C3013	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	S.A
....4	C3030	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	S.A
....4	C3031	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	S.A
....4	C1111	2203-000715	C-CER,CHIP;3.3nF,10%,50V,X7R,1608	1	S.A
....4	C1142	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C1152	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C2009	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C2010	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C2015	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C2016	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C2026	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C5076	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C5077	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C1100	2203-000798	C-CER,CHIP;33nF,10%,16V,X7R,TP,1608,-	1	S.A
....4	C1101	2203-000798	C-CER,CHIP;33nF,10%,16V,X7R,TP,1608,-	1	S.A
....4	C2029	2203-000815	C-CER,CHIP;0.033nF,5%,50V,C0G,1608	1	S.A
....4	C2030	2203-000815	C-CER,CHIP;0.033nF,5%,50V,C0G,1608	1	S.A
....4	C2031	2203-000815	C-CER,CHIP;0.033nF,5%,50V,C0G,1608	1	S.A
....4	C5056	2203-000815	C-CER,CHIP;0.033nF,5%,50V,C0G,1608	1	S.A
....4	C5057	2203-000815	C-CER,CHIP;0.033nF,5%,50V,C0G,1608	1	S.A
....4	C5058	2203-000815	C-CER,CHIP;0.033nF,5%,50V,C0G,1608	1	S.A
....4	C1119	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	S.A
....4	C1120	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	S.A
....4	C4003	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	S.A
....4	C4004	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	S.A
....4	C5003	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	S.A
....4	C5004	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	S.A
....4	C1063	2203-000972	C-CER,CHIP;47nF,10%,16V,X7R,1608	1	S.A
....4	C2008	2203-000998	C-CER,CHIP;0.047nF,5%,50V,C0G,1608	1	S.A
....4	C2021	2203-000998	C-CER,CHIP;0.047nF,5%,50V,C0G,1608	1	S.A
....4	C5063	2203-000998	C-CER,CHIP;0.047nF,5%,50V,C0G,1608	1	S.A
....4	C1056	2203-001402	C-CER,CHIP;220nF,+80-20%,16V,Y5V,TP,1608	1	S.A

## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C1164	2203-001607	C-CER,CHIP;0.22nF,5%,50V,NP0,1608	1	SA
....4	C1114	2203-001652	C-CER,CHIP;470nF,+80-20%,16V,Y5V,1608	1	SA
....4	C1116	2203-001652	C-CER,CHIP;470nF,+80-20%,16V,Y5V,1608	1	SA
....4	C1038	2203-001656	C-CER,CHIP;0.47nF,5%,50V,NP0,1608	1	SA
....4	C1061	2203-001656	C-CER,CHIP;0.47nF,5%,50V,NP0,1608	1	SA
....4	C3039	2203-001656	C-CER,CHIP;0.47nF,5%,50V,NP0,1608	1	SA
....4	C1117	2203-001724	C-CER,CHIP;4700nF,+80-20%,16V,Y5V,3216	1	SA
....4	C1003	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C1011	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C1032	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C1039	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C1066	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C1068	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C1071	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C1072	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C1073	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C1074	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C1078	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C1079	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C1093	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C1104	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C1108	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C1129	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C1130	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C1148	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C1169	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C1171	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C1173	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C3009	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C3010	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C3014	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C3015	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C3016	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C3018	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C3019	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C3022	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C3026	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C3027	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C3032	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C3037	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C3040	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C3042	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C3044	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C3046	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C3047	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C3049	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C4002	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C4125	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C4126	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C4129	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C5001	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C5002	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C5011	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C5012	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C5021	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C5023	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C5039	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C5054	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C1143	2203-005030	C-CER,CHIP;470nF,+80-20%,50V,Y5V,TP,3216	1	SA
....4	C1153	2203-005030	C-CER,CHIP;470nF,+80-20%,50V,Y5V,TP,3216	1	SA

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C1031	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C1040	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C1155	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C2038	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C3023	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C3033	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C4117	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C4118	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C1122	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C1131	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C1137	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C1138	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C1140	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C1144	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C1145	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C1146	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C1147	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C1149	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C1150	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C1154	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C1156	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C1157	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C1160	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C1166	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C4014	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4015	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4024	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4033	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4037	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4044	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4050	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4065	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4074	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4075	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4078	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4079	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4087	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4088	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4089	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4090	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4091	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4092	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4093	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4094	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C1001	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1012	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1014	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1017	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1018	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1019	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1020	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1023	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1024	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1030	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1033	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1035	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1041	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1044	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1045	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1047	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A



## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C1048	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1051	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1058	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1060	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1065	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1076	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1080	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1081	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1083	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1085	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1088	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1089	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1090	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1091	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1092	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1096	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1099	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1126	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1136	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1172	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C3017	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C4057	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C4064	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C4072	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C4082	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C4122	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C5083	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C5086	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C2001	2402-000108	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.2m	1	SA
....4	C5037	2402-000108	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.2m	1	SA
....4	C5041	2402-000108	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.2m	1	SA
....4	C5024	2402-000179	C-AL,SMD;47uF,20%,16V,GP,TP,6.6x6.6x5.7m	1	SA
....4	C4012	2402-001059	C-AL,SMD;220UF,20%,6.3V,-,TP,6X6.6X6.6	1	SA
....4	C4013	2402-001059	C-AL,SMD;220UF,20%,6.3V,-,TP,6X6.6X6.6	1	SA
....4	C1102	2402-001081	C-AL,SMD;100uF,20%,25V,WT,TP,8.3x8.3x10	1	SA
....4	C1125	2402-001083	C-AL,SMD;100uF,20%,50V,GP,TP,10x10.3x10mm	1	SA
....4	C5032	2402-001097	C-AL,SMD;0.1UF,20%,50V,WT,TP,4.3X4.3X5.2	1	SA
....4	C5033	2402-001097	C-AL,SMD;0.1UF,20%,50V,WT,TP,4.3X4.3X5.2	1	SA
....4	C1009	2402-001128	C-AL,SMD;100uF,20%,16V,WT,TP,6.3X5.7mm	1	SA
....4	C1010	2402-001128	C-AL,SMD;100uF,20%,16V,WT,TP,6.3X5.7mm	1	SA
....4	C1015	2402-001128	C-AL,SMD;100uF,20%,16V,WT,TP,6.3X5.7mm	1	SA
....4	C1029	2402-001128	C-AL,SMD;100uF,20%,16V,WT,TP,6.3X5.7mm	1	SA
....4	C1036	2402-001128	C-AL,SMD;100uF,20%,16V,WT,TP,6.3X5.7mm	1	SA
....4	C1042	2402-001128	C-AL,SMD;100uF,20%,16V,WT,TP,6.3X5.7mm	1	SA
....4	C1059	2402-001128	C-AL,SMD;100uF,20%,16V,WT,TP,6.3X5.7mm	1	SA
....4	C1112	2402-001128	C-AL,SMD;100uF,20%,16V,WT,TP,6.3X5.7mm	1	SA
....4	C1113	2402-001128	C-AL,SMD;100uF,20%,16V,WT,TP,6.3X5.7mm	1	SA
....4	C1115	2402-001128	C-AL,SMD;100uF,20%,16V,WT,TP,6.3X5.7mm	1	SA
....4	C1123	2402-001128	C-AL,SMD;100uF,20%,16V,WT,TP,6.3X5.7mm	1	SA
....4	C1007	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	SA
....4	C1028	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	SA
....4	C1064	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	SA
....4	C1069	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	SA
....4	C1107	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	SA
....4	C3036	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	SA
....4	C3038	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	SA
....4	C4010	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	SA
....4	C5042	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	SA
....4	C1106	2402-001160	C-AL,SMD;330UF,20%,16V,WT,TP,1008	1	SA
....4	C1077	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	SA



Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C1139	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	S.A
....4	C2017	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	S.A
....4	C3004	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	S.A
....4	C3006	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	S.A
....4	C3008	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	S.A
....4	C3011	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	S.A
....4	C3028	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	S.A
....4	C3041	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	S.A
....4	C3043	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	S.A
....4	C3045	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	S.A
....4	C3048	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	S.A
....4	C3050	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	S.A
....4	C3051	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	S.A
....4	C1057	2402-001183	C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM	1	S.A
....4	C1128	2402-001183	C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM	1	S.A
....4	C1167	2402-001183	C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM	1	S.A
....4	C1170	2402-001183	C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM	1	S.A
....4	C4123	2402-001183	C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM	1	S.A
....4	C5005	2402-001183	C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM	1	S.A
....4	C5016	2402-001183	C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM	1	S.A
....4	C1127	2402-001221	C-AL,SMD;470UF,20%,16V,-,TP,A8.3XB8.3XL1	1	S.A
....4	C1165	2402-001221	C-AL,SMD;470UF,20%,16V,-,TP,A8.3XB8.3XL1	1	S.A
....4	C4030	2402-001226	C-AL,SMD;4.7UF,20%,35V,HR,TP,4.3X4.3X5.8	1	S.A
....4	C4047	2402-001226	C-AL,SMD;4.7UF,20%,35V,HR,TP,4.3X4.3X5.8	1	S.A
....4	C4051	2402-001226	C-AL,SMD;4.7UF,20%,35V,HR,TP,4.3X4.3X5.8	1	S.A
....4	C4127	2402-001226	C-AL,SMD;4.7UF,20%,35V,HR,TP,4.3X4.3X5.8	1	S.A
....4	C5078	2402-001257	C-AL,SMD;470uF,20%,16V,-,TP,8.3*10	1	S.A
....4	C5079	2402-001257	C-AL,SMD;470uF,20%,16V,-,TP,8.3*10	1	S.A
....4	C5080	2402-001257	C-AL,SMD;470uF,20%,16V,-,TP,8.3*10	1	S.A
....4	C1095	2409-001029	C-ORGANIC;120uF,20%,6.3V,WT,TP,10.3x10.3	1	S.A
....4	T0052	2703-000274	INDUCTOR-SMD;2.2uH,10%,2012	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-001229	INDUCTOR-SMD;2.2uH,10%,1608	1	S.A
....4	T0052	2703-001229	INDUCTOR-SMD;2.2uH,10%,1608	1	S.A
....4	T0052	2703-001229	INDUCTOR-SMD;2.2uH,10%,1608	1	S.A
....4	T0052	2703-001229	INDUCTOR-SMD;2.2uH,10%,1608	1	S.A
....4	T0052	2703-001229	INDUCTOR-SMD;2.2uH,10%,1608	1	S.A
....4	T0052	2703-001229	INDUCTOR-SMD;2.2uH,10%,1608	1	S.A
....4	T0052	2703-001229	INDUCTOR-SMD;2.2uH,10%,1608	1	S.A
....4	T0052	2703-001778	INDUCTOR-SMD;3.3uH,20%,3225	1	S.A
....4	T0052	2703-002722	INDUCTOR-SMD;22uH,20%,12x12mm	1	S.A
....4	T0052	2703-002915	INDUCTOR-SMD;22uH,20%,8080	1	S.A
....4	T0052	2703-002915	INDUCTOR-SMD;22uH,20%,8080	1	S.A
....4	T0052	2703-002915	INDUCTOR-SMD;22uH,20%,8080	1	S.A
....4	T0052	2703-002915	INDUCTOR-SMD;22uH,20%,8080	1	S.A
....4	X3002	2801-003326	CRYSTAL-SMD;24MHZ,30PPM,28-ABX,20PF,500H	1	S.A
....4	X3001	2801-003923	CRYSTAL-SMD;10MHz,30ppm,28-AAN,20pF,60oh	1	S.A

## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	X1001	2801-003954	CRYSTAL-SMD;27MHz,30ppm,28-AAN,16pF,50oh	1	S.A
....4	X4001	2801-004483	CRYSTAL-SMD;28.322MHz,30ppm,HC-49,20pF,5	1	S.A
....4	F103	2901-001114	FILTER-EMI SMD;25VDC,2.0ADC,-,100nF,3.2x	1	S.A
....4	T0568	3301-000314	BEAD-SMD;120ohm,1.6x0.8x0.8mm,-,-,-	1	S.N.A
....4	T0568	3301-000314	BEAD-SMD;120ohm,1.6x0.8x0.8mm,-,-,-	1	S.N.A
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A
....4	T0568	3301-001236	BEAD-SMD;60ohm,1608,-,-,-	1	S.N.A
....4	T0568	3301-001236	BEAD-SMD;60ohm,1608,-,-,-	1	S.N.A
....4	T0568	3301-001236	BEAD-SMD;60ohm,1608,-,-,-	1	S.N.A
....4	T0568	3301-001236	BEAD-SMD;60ohm,1608,-,-,-	1	S.N.A
....4	T0568	3301-001236	BEAD-SMD;60ohm,1608,-,-,-	1	S.N.A
....4	T0568	3301-001236	BEAD-SMD;60ohm,1608,-,-,-	1	S.N.A
....4	T0568	3301-001236	BEAD-SMD;60ohm,1608,-,-,-	1	S.N.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001393	BEAD-SMD;60ohm,3216,1500mA,TP,41ohm/40MH	1	S.N.A
....4	T0568	3301-001404	BEAD-SMD;30ohm,2012,TP,-,-	1	S.A
....4	T0568	3301-001404	BEAD-SMD;30ohm,2012,TP,-,-	1	S.A
....4	T0568	3301-001404	BEAD-SMD;30ohm,2012,TP,-,-	1	S.A
....4	T0568	3301-001404	BEAD-SMD;30ohm,2012,TP,-,-	1	S.A
....4	T0568	3301-001404	BEAD-SMD;30ohm,2012,TP,-,-	1	S.A
....4	T0568	3301-001404	BEAD-SMD;30ohm,2012,TP,-,-	1	S.A
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A
....4	CN2001	3701-001311	CONNECTOR-HDMI;21P,2R,FEMALE,SMD-S,AU30U	1	S.A
....4	CN330	3711-005291	HEADER-BOARD TO CABLE;BOX,2P,1R,2MM,SMD-	1	S.A
....4	CN330	3711-005292	HEADER-BOARD TO CABLE;BOX,3P,1R,2MM,SMD-	1	S.A
....4	CN330	3711-005497	HEADER-BOARD TO CABLE;BOX,15P,1R,1.25MM,	1	S.A
....4	L1012	BN27-00007A	COIL CHOKE-SMD;DHB0504-100,RB15/17NS,10u	1	S.A
....4	T0077	BN41-00700B	PCB MAIN;CAMBRIDGE,FR-4,4,MP2.0,1.6T,192	1	S.N.A
....4	M0018	BN97-00805G	ASSY MICOM;T-CBGMPEUS-1001,LE32R73BDX/XE	1	S.A
.....5	IC520	0903-001389	IC-MICROCONTROLLER;S3F866B,8Bit,QFP,44P,	1	S.N.A
....4	M0018	BN97-01186B	ASSY MICOM;T-BSMMPITD,LE32S73BDX/XET,200	1	S.N.A
.....5	IC115	1107-001555	IC-FLASH MEMORY;49BV802A,8MBIT,1MX8/512K	1	S.N.A
...2	T0422	BN94-01078H	ASSY PCB MISC-DTV MODULE;LE32N73BDX/XEC	1	S.N.A
...3	T0245	0202-001492	SOLDER-WIRE FLUX;HSE-02 LFM48 SR-34 S,-,	0.003	S.N.A
...3	IC104	1405-000187	VARIATOR;615Vdc,1250A,12.5x7mm,TP	1	S.A
...3	IC106	1405-000187	VARIATOR;615Vdc,1250A,12.5x7mm,TP	1	S.A
...3	IC107	1405-000187	VARIATOR;615Vdc,1250A,12.5x7mm,TP	1	S.A
...3	CN902	3703-001124	CONNECTOR-BACK PANEL;32P,2R,MALE,ANGLE,A	1	S.A
...3	CN902	3703-001124	CONNECTOR-BACK PANEL;32P,2R,MALE,ANGLE,A	1	S.A
...3	CN501	3709-001346	CONNECTOR-CARD SLOT;68P,0.27mm,ANGLE,AU1	1	S.A
...3	CN330	3711-001154	HEADER-BOARD TO CABLE;BOX,9P,1R,2.5MM,ST	1	S.A
...3	JA330	3722-001055	JACK-PHONE;5P/2C,AG,BLK,ANGLE	1	S.A
...3	CN110	3722-002418	JACK-MODULAR;6P/2C,STANDARD,Y,ANGLE,N,AU	1	S.A
...3	MD101	BN96-02795A	ASSY PCB P-MODEM;SIENA,ITALY,MODEM	1	S.N.A

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
...3	T0174	BN97-01160G	ASSY SMD;LE32N73BDX/XEC	1	S.N.A
...4	CIS05	0202-001477	SOLDER-CREAM;LST309-M,-,D20-45\$,96.5Sn/	0.94	S.N.A
...4	IC104	0801-002378	IC-CMOS LOGIC;74VHC04,HEX INVERTER,SOP,1	1	S.A
...4	IC104	0801-002709	IC-CMOS LOGIC;74HC373,D FLIP-FLOP,TSSOP,	1	S.A
...4	IC104	0801-002709	IC-CMOS LOGIC;74HC373,D FLIP-FLOP,TSSOP,	1	S.A
...4	IC501	0802-001037	IC-BICMOS LOGIC;74LVT245,BUS TRANSCEIVER	1	S.A
...4	IC107	1002-001176	IC-D/A CONVERTER;CS4339-KSZR,18BIT,SOP,8	1	S.A
...4	IC402	1006-001266	IC-LINE TRANSCEIVER;SP3232EEY,TSSOP,16P,	1	S.A
...4	IC112	1103-001147	IC-EEPROM;24256,256Kbit,32Kx8Bit,SOP,8P,	1	S.A
...4	IC113	1105-001308	IC-DRAM;K4S281632,128Mbit,8Mx16,TSSOP,54P	1	S.A
...4	IC113	1105-001308	IC-DRAM;K4S281632,128Mbit,8Mx16,TSSOP,54P	1	S.A
...4	IC113	1105-001308	IC-DRAM;K4S281632,128Mbit,8Mx16,TSSOP,54P	1	S.A
...4	IC113	1105-001308	IC-DRAM;K4S281632,128Mbit,8Mx16,TSSOP,54P	1	S.A
...4	T0087	1203-002686	IC-POSIFIXED REG.;MIC39100,SOT-223,3P,6	1	S.A
...4	T0087	1203-002842	IC-POSIFIXED REG.;AP1117D-33A,TO-252,3P	1	S.A
...4	T0087	1203-002842	IC-POSIFIXED REG.;AP1117D-33A,TO-252,3P	1	S.A
...4	IC401	1204-001774	IC-VIDEO ENCODER;BT861KRF,MQFP,80P,551MI	1	S.A
...4	IC301	1205-002340	IC-DATA COMM./GEN.;CX22496-17,BGA,292P,2	1	S.A
...4	R101	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	S.A
...4	R122	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	S.A
...4	R308	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	S.A
...4	R402	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	S.A
...4	R408	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	S.A
...4	R120	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
...4	R124_OP	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
...4	R125	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
...4	R320	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
...4	R108	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
...4	R311	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
...4	R406	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
...4	R412	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
...4	R426	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
...4	R427	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
...4	R428	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
...4	R429	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
...4	R512	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
...4	R514	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
...4	R302	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
...4	R303	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
...4	R317	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
...4	R102	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
...4	R103	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
...4	R104	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
...4	R110	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
...4	R301	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
...4	R304	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
...4	R305	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
...4	R307	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
...4	R417	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
...4	R501	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
...4	R502	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
...4	R505	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
...4	R506	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
...4	R508	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
...4	R509	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
...4	R510	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
...4	R511	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
...4	R312	2007-000109	R-CHIP;1Mohm,5%,1/10W,TP,1608	1	S.A
...4	R112	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
...4	R118	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A

## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R119	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	R121	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	R203	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	R204	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	R205	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	R206	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	R209	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	R210	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	R211	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	R212	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	R306	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	R309	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	R310	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	R313	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	R316	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	R321	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	R322	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	R323	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	R424	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	R425	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	R403	2007-000116	R-CHIP;120ohm,5%,1/10W,TP,1608	1	SA
....4	R413	2007-000122	R-CHIP;1.2Kohm,5%,1/10W,TP,1608	1	SA
....4	R414	2007-000122	R-CHIP;1.2Kohm,5%,1/10W,TP,1608	1	SA
....4	R314	2007-000402	R-CHIP;150ohm,5%,1/10W,TP,1608	1	SA
....4	R319	2007-000402	R-CHIP;150ohm,5%,1/10W,TP,1608	1	SA
....4	R409	2007-000402	R-CHIP;150ohm,5%,1/10W,TP,1608	1	SA
....4	R421	2007-000402	R-CHIP;150ohm,5%,1/10W,TP,1608	1	SA
....4	R416	2007-000426	R-CHIP;160ohm,5%,1/10W,TP,1608	1	SA
....4	R432	2007-000512	R-CHIP;2.4Kohm,5%,1/10W,TP,1608	1	SA
....4	R433	2007-000512	R-CHIP;2.4Kohm,5%,1/10W,TP,1608	1	SA
....4	R430	2007-000637	R-CHIP;270Kohm,5%,1/10W,TP,1608	1	SA
....4	R431	2007-000637	R-CHIP;270Kohm,5%,1/10W,TP,1608	1	SA
....4	R315	2007-000929	R-CHIP;470ohm,1%,1/10W,TP,1608	1	SA
....4	R318	2007-000929	R-CHIP;470ohm,1%,1/10W,TP,1608	1	SA
....4	R111	2007-001044	R-CHIP;56ohm,5%,1/10W,TP,1608	1	SA
....4	R503	2007-001044	R-CHIP;56ohm,5%,1/10W,TP,1608	1	SA
....4	R504	2007-001044	R-CHIP;56ohm,5%,1/10W,TP,1608	1	SA
....4	RA501	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	RA502	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	RA503	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	RA504	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	R201	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	R202	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	R207	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	R208	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	RA113	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	RA114	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	RA115	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	RA301	2011-001193	R-NET;68ohm,5%,1/16W,L,CHIP,8P,TP	1	SA
....4	RA302	2011-001193	R-NET;68ohm,5%,1/16W,L,CHIP,8P,TP	1	SA
....4	RA303	2011-001193	R-NET;68ohm,5%,1/16W,L,CHIP,8P,TP	1	SA
....4	RA304	2011-001193	R-NET;68ohm,5%,1/16W,L,CHIP,8P,TP	1	SA
....4	RA305	2011-001193	R-NET;68ohm,5%,1/16W,L,CHIP,8P,TP	1	SA
....4	RA306	2011-001193	R-NET;68ohm,5%,1/16W,L,CHIP,8P,TP	1	SA
....4	RA307	2011-001193	R-NET;68ohm,5%,1/16W,L,CHIP,8P,TP	1	SA
....4	RA308	2011-001193	R-NET;68ohm,5%,1/16W,L,CHIP,8P,TP	1	SA
....4	RA309	2011-001193	R-NET;68ohm,5%,1/16W,L,CHIP,8P,TP	1	SA
....4	RA310	2011-001193	R-NET;68ohm,5%,1/16W,L,CHIP,8P,TP	1	SA
....4	RA311	2011-001193	R-NET;68ohm,5%,1/16W,L,CHIP,8P,TP	1	SA
....4	C101	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA

[illegible]

## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C422	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C423	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C424	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C427	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C501	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C502	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C504	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C505	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C506	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C507	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C508	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C509	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C511	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C428	2203-000357	C-CER,CHIP;0.15nF,5%,50V,C0G,1608	1	SA
....4	C429	2203-000357	C-CER,CHIP;0.15nF,5%,50V,C0G,1608	1	SA
....4	C440	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	SA
....4	C441	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	SA
....4	C446	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	SA
....4	C447	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	SA
....4	C442	2203-000659	C-CER,CHIP;0.27nF,5%,50V,C0G,1608	1	SA
....4	C444	2203-000659	C-CER,CHIP;0.27nF,5%,50V,C0G,1608	1	SA
....4	C448	2203-000659	C-CER,CHIP;0.27nF,5%,50V,C0G,1608	1	SA
....4	C450	2203-000659	C-CER,CHIP;0.27nF,5%,50V,C0G,1608	1	SA
....4	C310	2203-000681	C-CER,CHIP;0.027nF,5%,50V,C0G,1608	1	SA
....4	C443	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	SA
....4	C445	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	SA
....4	C449	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	SA
....4	C451	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	SA
....4	C311	2203-000815	C-CER,CHIP;0.033nF,5%,50V,C0G,1608	1	SA
....4	C434	2203-001126	C-CER,CHIP;0.68nF,10%,50V,X7R,1608	1	SA
....4	C435	2203-001126	C-CER,CHIP;0.68nF,10%,50V,X7R,1608	1	SA
....4	C312_DE	2203-001170	C-CER,CHIP;0.0060nF,0.25pF,50V,NP0,1608	1	SA
....4	C320	2203-002793	C-CER,CHIP;1000nF,+80-20%,25V,Y5V,2012	1	SA
....4	C321	2203-002793	C-CER,CHIP;1000nF,+80-20%,25V,Y5V,2012	1	SA
....4	C401	2203-002793	C-CER,CHIP;1000nF,+80-20%,25V,Y5V,2012	1	SA
....4	C411	2203-002793	C-CER,CHIP;1000nF,+80-20%,25V,Y5V,2012	1	SA
....4	C412	2203-002793	C-CER,CHIP;1000nF,+80-20%,25V,Y5V,2012	1	SA
....4	C413	2203-002793	C-CER,CHIP;1000nF,+80-20%,25V,Y5V,2012	1	SA
....4	C414	2203-002793	C-CER,CHIP;1000nF,+80-20%,25V,Y5V,2012	1	SA
....4	C415	2203-002793	C-CER,CHIP;1000nF,+80-20%,25V,Y5V,2012	1	SA
....4	C102	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C103	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C431	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C120	2402-000209	C-AL,SMD;22uF,20%,16V,WT,TP,5.3x5.3mm	1	SA
....4	C503	2402-001042	C-AL,SMD;100uF,20%,16V,GP,TP,6.6x6.6x5.4	1	SA
....4	C115	2402-001128	C-AL,SMD;100uF,20%,16V,WT,TP,6.3X5.7mm	1	SA
....4	C119	2402-001128	C-AL,SMD;100uF,20%,16V,WT,TP,6.3X5.7mm	1	SA
....4	C432	2402-001128	C-AL,SMD;100uF,20%,16V,WT,TP,6.3X5.7mm	1	SA
....4	C510	2402-001128	C-AL,SMD;100uF,20%,16V,WT,TP,6.3X5.7mm	1	SA
....4	C104	2402-001216	C-AL,SMD;470uF,20%,16V,WT,TP,10.3x10.3x1	1	SA
....4	C105	2402-001216	C-AL,SMD;470uF,20%,16V,WT,TP,10.3x10.3x1	1	SA
....4	C313	2402-001216	C-AL,SMD;470uF,20%,16V,WT,TP,10.3x10.3x1	1	SA
....4	C106	2402-001269	C-AL,SMD;10uF,20%,10V,WT(BP),REEL,4x5.3mm	1	SA
....4	C108	2402-001269	C-AL,SMD;10uF,20%,10V,WT(BP),REEL,4x5.3mm	1	SA
....4	C110	2402-001269	C-AL,SMD;10uF,20%,10V,WT(BP),REEL,4x5.3mm	1	SA
....4	C419	2402-001269	C-AL,SMD;10uF,20%,10V,WT(BP),REEL,4x5.3mm	1	SA
....4	T0052	2703-000125	INDUCTOR-SMD;10uH,10%,2012	1	SA
....4	T0052	2703-000125	INDUCTOR-SMD;10uH,10%,2012	1	SA
....4	T0052	2703-000125	INDUCTOR-SMD;10uH,10%,2012	1	SA
....4	T0052	2703-000125	INDUCTOR-SMD;10uH,10%,2012	1	SA



Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	T0052	2703-000125	INDUCTOR-SMD;10uH,10%,2012	1	S.A
....4	T0052	2703-000310	INDUCTOR-SMD;1.8uH,10%,1608	1	S.A
....4	T0052	2703-000310	INDUCTOR-SMD;1.8uH,10%,1608	1	S.A
....4	T0052	2703-000310	INDUCTOR-SMD;1.8uH,10%,1608	1	S.A
....4	T0052	2703-000310	INDUCTOR-SMD;1.8uH,10%,1608	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	X301	2801-003667	CRYSTAL-SMD;14.31818MHz,30ppm,28-AAN,16,	1	S.A
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A
....4	FU101	3601-001376	FUSE-SURFACE MOUNT;32V,3A,FAST-ACTING,Hi	1	S.A
....4	IC063	AA13-00030B	IC HYBRID;CIMAX-SP2,WS28A116DUX,128P,0 -	1	S.A
....4	MP1.3	BN41-00660C	PCB-MODULE;SORRENTO,FR-4,6L,1.6,165*110,	1	S.N.A
....4	M0018	BN97-00805U	ASSY MICOM;T_SOWODES0_1000,GTO26SIT-R53A	1	S.N.A
....5	IC115	1107-001424	IC-FLASH MEMORY;S29GL064M,64Mbit,4Mx16Bi	1	S.N.A
0.1	M0112	BN91-01129D	ASSY SHIELD;LE32R73BDX/XET	1	S.N.A
..2	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	2	S.A
..2	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	4	S.A
..2	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	6	S.A
..2	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	2	S.A
..2	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	3	S.A
..2	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	2	S.A
..2	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	1	S.A
..2	M2893	BH39-00362G	LEAD CONNECTOR;SONOMA,UL1007#26,5PIN,100	1	S.A
..2	T0076	BN39-00615D	CBF HARNESS;BORDEAUX,1617#22,3P,1P,RING,	1	S.A
..2	M2893	BN39-00659A	LEAD CONNECTOR;RE32*CMO,UL1007#26,14/12P	1	S.A
..2	M2893	BN39-00691A	LEAD CONNECTOR;Torino-32,UL1007#26,16P,1	1	S.A
..2	M2893	BN39-00712A	LEAD CONNECTOR-LVDS;LE32*,UL1571#30,30P	1	S.A
..2		BN61-02099A	GUIDE-PCB;26,32 SIENA,PC+ABS,5V,G3940	1	S.N.A
..2		BN61-02201A	BRACKET-STAND LINK;Bordeaux 32,SECC,T1.6	1	S.N.A
..2	M0114	BN61-02500A	HOLDER-WIRE;NYLON6.6,NATURAL	2	S.N.A
..2		BN61-02513A	BRACKET-PANEL SIDE;32R7 CMO,SECC,T1.2,RI	1	S.N.A
..2		BN61-02514A	BRACKET-PANEL SIDE;32R7 CMO,SECC,T1.2,LE	1	S.N.A
..2	M0146	BN63-02462B	SHIELD CASE;CAMBRIDGE 32,SECC,T0.8,UK,(I	1	S.N.A
..2	CIS	BN96-02732A	ASSY PCB P-MODULE;ITALY,SMART CARD MODUL	1	S.N.A
..2	M0059	BN96-03006A	ASSY BOARD P-HOLDER AV;32R71,EO,ABS+PMMA	1	S.N.A
...3		BN61-02193A	HOLDER-SIDE AV;32R71,EO,KO,SO,ABS+PMMA,H	1	S.N.A
...3	T0578	BN64-00454A	INLAY AV;BORDEAUX,PS SHEET,T0.3,-,BLAC	1	S.N.A
...3	M0020	BN96-02439A	ASSY BOARD P-SUB AV SIDE;MILANO,CT5000-3	1	S.N.A
...3	M2893	BN39-00672A	LEAD CONNECTOR;LNR329DX/XAA,UL2835#28,UL	1	S.A
..2	T0447	BN96-03440E	ASSY BRACKET P-PANEL;CAMBRIDGE32,-,SECC,-	1	S.N.A
...3	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	2	S.A
...3	M0131	AA63-01447A	GASKET;Cambridge,Conductive Fabric,20mm,	1	S.N.A
...3	M0146	BN61-02194A	BRACKET-PANEL TOP;Bordeaux 32,SECC,T1.2	1	S.N.A
...3		BN61-02195A	BRACKET-PANEL BOTTOM;Bordeaux 32,SECC,T1	1	S.N.A
...3		BN61-02198A	BRACKET-GUIDE MAIN;Bordeaux 32,SECC,T1.2	1	S.N.A
...3		BN61-02199A	BRACKET-GUIDE POWER;Bordeaux 32,SECC,T1.	1	S.N.A
...3		BN61-02200A	BRACKET-GUIDE POWER;Bordeaux 32,SECC,T1.	1	S.N.A
...3	T0514	BN61-02393A	BRACKET-SUPPORT;CAMBRIDGE 32,SECC,T1.2	1	S.N.A
...3	M0131	BN63-02628A	GASKET;Oxford,Conductive Fabric,8,12,300	1	S.N.A
...3	M0131	BN63-02790A	GASKET;Bordeaux,Conductive Fabric,23,9,2	1	S.N.A
..2	T0175	BN96-03590A	ASSY SHIELD P-PCB MAIN;CAMBRIDGE32,SECC	1	S.N.A
...3	T0603	BN63-02458A	SHIELD-PCB MAIN;CAMBRIDGE 32,SECC,T0.5,U	1	S.N.A
...3	M0131	BN63-02627A	GASKET;Oxford,Conductive Fabric,8,13,30,	1	S.N.A
..2	T0159	BN96-03775A	ASSY PCB P-SMPS;FreeVoltage SMPS,LA32R71	1	S.A
..2	M2893	BP39-00121C	LEAD CONNECTOR;SIENA,UL1007#26,9P,100mm,	1	S.A
..2	M0081	6003-001188	SCREW-TAPTITE;BH,+,B,M4,L10,YEL,SWRCH18A	2	S.N.A
..2	M0081	6003-001188	SCREW-TAPTITE;BH,+,B,M4,L10,YEL,SWRCH18A	1	S.N.A
..2	M0081	6003-001188	SCREW-TAPTITE;BH,+,B,M4,L10,YEL,SWRCH18A	8	S.N.A

## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
..2	M0081	6003-001188	SCREW-TAPTITE;BH,+,B,M4,L10,YEL,SWRCH18A	1	S.N.A
..2	M0081	6003-001188	SCREW-TAPTITE;BH,+,B,M4,L10,YEL,SWRCH18A	2	S.N.A
..2	M0081	6003-001188	SCREW-TAPTITE;BH,+,B,M4,L10,YEL,SWRCH18A	1	S.N.A
..2	M0081	6003-000337	SCREW-TAPTITE;BH,+,S,M4,L10,ZPC(BLK),SWR	4	S.A
..2	M0081	6003-001439	SCREW-TAPTITE;BH,+,S,M4,L8,ZPC(YEL)	1	S.N.A
0.1	M0113	BN92-01664A	ASSY P/MATERIAL;32R71,BORDEAUX	1	S.N.A
..2	T0376	6902-000061	BAG AIR;LDPE,T0.2,L1000,W500,TRP,,,	0.035	S.N.A
..2	T0376	6902-000379	BAG AIR;LDPE,T0.2,W1000,L1800,TRP,-,-	0.006	S.N.A
..2	T0081	6902-000604	BAG WRAPPING;LDPE,T0.02,W500,L10000,TRP,	6.45	S.N.A
..2	T0524	6902-000715	BAG PE;HDPE/NITRON,T0.015/T0.5,W1000,L10	1	S.N.A
0.1	M0019	BN92-01801T	ASSY LABEL;LE40R73BDX/XEE	1	S.N.A
0.1	M0003	BN92-01893Q	ASSY BOX;32R73,EO(XEC),CAMBRIDGE	1	S.N.A
..2	T0130	BN69-01260S	BOX-00,SET;32R73,CB,DY-01,AB,YEL,A1,IDTV	1.02	S.N.A
0.1	M0045	BN92-02092A	ASSY ACCESSORY;LE32R73BDX/XEC	1	S.N.A
..2	M0045	BN96-04157L	ASSY ACCESSORY;LE32R73BDX/XEC	1	S.A
...3	T0268	3903-000145	CBF-POWER CORD;DT,EU,FP3,YES,U(IEC C13-R	1	S.A
...3	T0524	6902-000110	BAG PE;LDPE,T0.05,W250,L400,TRP,28,2	2	S.N.A
...3	ACCESSORY	AA68-03242E	MANUAL FLYER-01,SAFETY GUIDE;All Model,S	1	S.N.A
...3	ACCESSORY	AA68-03575A	MANUAL FLYER-01,REGISTRATION C;XEU,ENG,U	1	S.N.A
...3	ACCESSORY	AA68-03575B	MANUAL FLYER-010,REGISTRATION;XEG,GERMAN	1	S.N.A
...3	ACCESSORY	AA68-03575C	MANUAL FLYER-01,REGISTRATION C;XEF,FRENC	1	S.N.A
...3	ACCESSORY	AA68-03575D	MANUAL FLYER-02,REGISTRATION C;XEC,SPANI	1	S.N.A
...3	ACCESSORY	AA68-03575E	MANUAL FLYER-02,REGISTRATION C;XET,ITALY	1	S.N.A
...3	ACCESSORY	AA68-03575F	MANUAL FLYER-01,REGISTRATION C;XEN,DUTCH	1	S.N.A
...3	ACCESSORY	AA68-03575G	MANUAL FLYER-01,REGISTRATION C;XEP,PORTU	1	S.N.A
...3	T0074	BN59-00517A	REMOCON;SORRENTO,TM87B,45,SORRENTO,EUROP	1	S.A
...3	ACCESSORY	BN63-01798A	CLOTH-CLEAN;RE40**,CLOTH,310,320,RHCM	1	S.N.A
...3	T0531	BN63-02323A	COVER-BOTTOM;23,26,32R71,ABS+PMMA,HB,BK2	1	S.N.A
...3	T0238	BN68-00514C	MANUAL FLYER-WARRANTY CARD;comm,Samsung,	1	S.N.A
...3	T0511	BN68-01007Z	MANUAL USERS;LE26R73BD,SAMSUNG,Eng/Spa,S	1	S.N.A
...3	ACCESSORY	BN69-01086A	BOX ACCESSORY-00;COMM,SW1,YEL,-,W573,D63	1	S.N.A
...3	M0045	BN96-01800A	ASSY ACCESSORY;ROME32,SCREW	1	S.N.A
....4	T0081	6002-001294	SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK)	4	S.A
....4	ACCESSORY	6902-000128	BAG ZIPPER;LDPE,T0.05,W200,L150,TRP,8,2-	1	S.N.A



## 6-2 LE40R73BD Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
0		LE40R73BDX/XEC	LE40R73BD,R62F/40R70-GST,40,LCD-TV,SPAIN	0	
0.1	M0001	BN90-00843C	ASSY COVER FRONT;40R73,EO,CAMBRIDGE	1	S.N.A
..2	T0003	BN96-03011E	ASSY COVER P-FRONT;40R73,EO,ABS+PMMA,HB,	1	S.A
...3	T0060	BN61-01655A	SPRING ETC;STS-304 SUS,D8,L12,T0.5	1	S.N.A
...3	CCM1	BN63-02183G	COVER-SHEET;Rhcm,PE Vinyl,T0.05,1100mm,2	1.983	S.N.A
...3	M0112	BN63-02361E	COVER-FRONT;40R73,EO,ABS+PMMA,HB,BK23,S/	1	S.N.A
...3	T0056	BN63-02363A	COVER-DECORATION;40R71,HIPS,HB,GR503,BLM	1	S.N.A
...3	T0023	BN64-00342A	KNOB POWER;ROME,40,PC,VIOLET	1	S.N.A
...3	T0059	BN64-00366A	INDICATOR LED;ROME-I,PC,CLEAR,ALL MODEL	1	S.N.A
...3	T0054	BN64-00443A	KNOB-DECORATION;32R71,ABS,HB,GR503,VACUU	1	S.N.A
...3	T0061	BN64-00453A	WINDOW-REMOCN;32R71,PC,V0,VIOLET,DIFFUS	1	S.N.A
...3	M0145	BN96-03404A	ASSY BOARD P-FUNCTION&KNOB;Bordeaux,CT50	1	S.A
....4	T0022	BN64-00442A	KNOB CONTROL;26,32,40R71,PC,BLK,ACRYL CL	1	S.N.A
....4	M0145	BN96-03045A	ASSY BOARD P-FUNCTION;BORDEAUX,FUNCTION	1	S.A
...3	M0146	BN96-03405A	ASSY BOARD P-POWER;BORDEAUX1,CT5000-4140	1	S.A
...3	T0069	AA60-00091P	SPACER-FELT;FELT,500X10,BLK,T0.5	2	S.N.A
...3	T0069	AA60-00171L	SPACER-FELT;46L3,FELT,460,T0.5,10	2	S.N.A
...3	M0081	6003-001188	SCREW-TAPTITE;BH,+,B,M4,L10,YEL,SWRCH18A	2	S.N.A
...3	M0081	6003-001188	SCREW-TAPTITE;BH,+,B,M4,L10,YEL,SWRCH18A	2	S.N.A
..2	T0175	BN96-04207A	ASSY SPEAKER P;8ohm,VE Type,Left,10W,Hor	1	S.N.A
..2	T0175	BN96-04208A	ASSY SPEAKER P;8ohm,VE Type,Right,10W,Ho	1	S.N.A
0.1	M0216	BN90-00847A	ASSY STAND;40R71,BORDEAUX	1	S.N.A
..2	T0081	6002-001294	SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK)	4	S.A
..2	M0013	BN96-03016A	ASSY STAND P-BASE;40R71,-,ABS+PMMA,HB,BK	1	S.A
...3	T0081	6002-001294	SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK)	4	S.A
...3	M0081	6003-001239	SCREW-TAPTITE;FH,+,B,M4,L10,ZPC(YEL),SWR	4	S.A
...3	T0920	BN61-02246A	GUIDE-STAND;40R71,ABS,V0,BLK	1	S.A
....4	T0514	BN61-02368A	BRACKET-SUPPORT;BORDEAUX 40,SECC,T1.2	2	S.N.A
...3		BN61-02247A	HOLDER-SWIVEL RING;40R71,ACETAL,BLK	1	S.N.A
...3		BN61-02248A	HOLDER-SWIVEL RING;40R71,ACETAL NATUAL,T	1	S.N.A
...3		BN61-02249A	HOLDER-SWIVEL RING;40R71,ACETAL NATUAL,B	1	S.N.A
...3		BN61-02259A	BRACKET-STAND BOTTOM;BORDEAUX 40,SGHC,T3	1	S.N.A
...3		BN61-02260A	BRACKET-HINGE SWIVEL;BORDEAUX 40,SGHC,T3	1	S.N.A
...3	T0004	BN63-02364A	COVER-STAND BASE;40R71,ABS+PMMA,HB,BK23,	1	S.N.A
...3		BN63-02365A	COVER-STAND SUB;40R71,ABS+PMMA,HB,BK23,H	1	S.N.A
...3	T0132	BN73-00052A	RUBBER FOOT;ARES 17,SILICON,DIA 17 * T1.	4	S.N.A
...3	CCM1	BN63-02183E	COVER-SHEET;Rhcm,PE Vinyl,T0.05,750mm,20	0.5	S.N.A
0.1	M0002	BN90-00872B	ASSY COVER REAR;40R73,EO(XET),CAMBRIDGE	1	S.N.A
..2	T0081	6002-001294	SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK)	1	S.A
..2	T0081	6002-001294	SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK)	2	S.A
..2	T0081	6002-001294	SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK)	14	S.A
..2	M0013	BN96-03243B	ASSY COVER P-REAR;40R73,EO(XET),ABS+PMMA	1	S.A
...3	M0006	BN63-02457B	COVER-REAR;40R73,EO(XET),ABS+PMMA,HB,BK2	1	S.N.A
...3	T0071	BN64-00444F	INLAY-TERMINAL;CAMBRIDGE32,37,40,PS SHEE	1	S.N.A
...3	CCM1	BN63-02183G	COVER-SHEET;Rhcm,PE Vinyl,T0.05,1100mm,2	1	S.N.A
...3	T0064	BN65-00002A	CLAMPER CORE;BORDEAUX,PP,V0,BLK	1	S.N.A
...3		BN61-02776A	HOLDER-WALL;32R7,ABS,HB,BLK	1	S.N.A
0.1	M0017	BN91-01006W	ASSY CHASSIS;LE32R74BDX/XEC	1	S.N.A
..2	M0014	BN94-01064C	ASSY PCB MAIN;LE32S73BDXXET	1	S.A
...3	T0245	0202-001492	SOLDER-WIRE FLUX;HSE-02 LFM48 SR-34 S,-,	0.25	S.N.A
...3	JA2007	3701-001294	CONNECTOR-DSUB;15P,3R,FEMALE,STRAIGHT,AU	1	S.A
...3	CN902	3703-001600	CONNECTOR-BACK PANEL;32P,2R,FEMALE,ANGLE	1	S.A
...3	CN902	3703-001600	CONNECTOR-BACK PANEL;32P,2R,FEMALE,ANGLE	1	S.A
...3	CN330	3711-004484	HEADER-BOARD TO CABLE;BOX,5P,1R,2mm,STRA	1	S.A
...3	CN330	3711-004909	HEADER-BOARD TO CABLE;BOX,14P,2R,2MM,ANG	1	S.A
...3	CN330	3711-005606	HEADER-BOARD TO CABLE;BOX,30P,2R,2mm,STR	1	S.A

## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
...3	CN330	3711-005942	HEADER-BOARD TO CABLE;BOX,16P,1R,2mm,STR	1	S.A
...3	JA2001	3722-000498	JACK-SCART;21P,-,SN,BLK,NO	1	S.A
...3	JA2005	3722-000498	JACK-SCART;21P,-,SN,BLK,NO	1	S.A
...3	JA330	3722-001061	JACK-PHONE;1P,3.6PI,AG,BLK,N	1	S.A
...3	JA330	3722-001061	JACK-PHONE;1P,3.6PI,AG,BLK,N	1	S.A
...3	JA333	3722-002360	JACK-PIN;3P,AU,GRN/BLU/RED,STRAIGHT	1	S.A
...3	JA333	3722-002362	JACK-PIN;2P,Sn,WHT/RED,STRAIGHT	1	S.A
...3	JA333	3722-002362	JACK-PIN;2P,Sn,WHT/RED,STRAIGHT	1	S.A
...3	JA333	3722-002362	JACK-PIN;2P,Sn,WHT/RED,STRAIGHT	1	S.A
...3	T0562	6046-001013	STAND OFF;M3,L5,Ni PLT,SUM24L,#4-40	2	S.N.A
...3	CIS3	BN40-00080A	TUNER;DNOS403ZH261B(S),DNOS403ZH261B(S),	1	S.A
...3	T0852	BN96-01470A	ASSY BOARD P-OPTICAL;HP-P5581,OPTICAL	1	S.A
....4	CN906	3707-001067	CONNECTOR-OPTICAL;PLUG,SM,-,4.4/2.0mm	1	S.A
...3	T0174	BN97-01137C	ASSY SMD;LE32S73BDX/XET	1	S.N.A
....4	CIS05	0202-001477	SOLDER-CREAM;LST309-M,-,D20-45\$,96.5Sn/	3.577	S.N.A
....4	D2003	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D2010	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D2011	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D2012	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D2013	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D2016	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D2017	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D2018	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D2019	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D2020	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D2021	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D2022	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D2023	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D2032	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D2033	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D2034	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D2044	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D2057	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D5001	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D5002	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D5003	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D5004	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D5005	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D5006	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D1001	0402-000553	DIODE-SCHOTTKY;SS24/B240,40V,2000mA,DO-2	1	S.A
....4	D1004	0402-000553	DIODE-SCHOTTKY;SS24/B240,40V,2000mA,DO-2	1	S.A
....4	D1008	0403-000258	DIODE-ZENER;BZX84C5V6,5.2-6V,225mW,SOT-2	1	S.A
....4	D3003	0403-000258	DIODE-ZENER;BZX84C5V6,5.2-6V,225mW,SOT-2	1	S.A
....4	D2001	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D2002	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D2040	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D2041	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D2042	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D2043	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D2064	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D2065	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D3006	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D3008	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D4001	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D4002	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D4003	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D4005	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D4006	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D4007	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D4008	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	D4009	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D4010	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D4011	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D4012	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D2004	0403-001016	DIODE-ZENER;RLZ6.2B,5.96-6.27V,500mW,LL-	1	S.A
....4	D2009	0403-001169	DIODE-ZENER;RLZ16C,15.96-16.51V,500MW,LL	1	S.A
....4	D2039	0403-001169	DIODE-ZENER;RLZ16C,15.96-16.51V,500MW,LL	1	S.A
....4	D2005	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2006	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2007	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2008	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2014	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2015	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2024	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2025	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2026	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2027	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2028	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2029	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2030	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2031	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2035	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2036	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2037	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2038	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2051	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2052	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2054	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2055	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2056	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D1002	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	S.A
....4	D1009	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	S.A
....4	D3001	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	S.A
....4	D3002	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	S.A
....4	D3007_32	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	S.A
....4	Q1007	0501-000280	TR-SMALL SIGNAL;KSA1182,PNP,150MW,SOT-23	1	S.A
....4	Q1001	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q1002	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q1005	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q1006	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q1008	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q1009	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q1010	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q1011	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q1013	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q1014	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q2001	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q3001	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q3003	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q3008	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q3010	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q3011	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q4001	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q5010	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q1003	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	S.A
....4	Q1004	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	S.A
....4	Q5011	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	S.A
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A

## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A
....4	Q409	0505-001170	FET-SILICON;SI9933ADY-T1,P,-20V,3.4A,0.0	1	S.A
....4	IC104	0801-002095	IC-CMOS LOGIC;74LCX245,TRANSCIEVER,TSSOP	1	S.A
....4	IC3002	0903-001432	IC-MICROCOMPUTER;M30840SGP,16Bit,LQFP,10	1	S.N.A
....4	IC1003	1001-000164	IC-ANALOG MULTIPLEX;74HC4052,CMOS,SOP,16	1	S.A
....4	IC1006	1001-000164	IC-ANALOG MULTIPLEX;74HC4052,CMOS,SOP,16	1	S.A
....4	IC106	1001-001082	IC-VIDEO SWITCH;BA7657F,-,SOP,24P,300MIL	1	S.A
....4	IC3006	1001-001109	IC-ANALOG SWITCH;FST3125M,BUS SWITCH & C	1	S.A
....4	IC5005	1001-001109	IC-ANALOG SWITCH;FST3125M,BUS SWITCH & C	1	S.A
....4	IC107	1002-001399	IC-D/A CONVERTER;PCM1754,24BIT,SSOP,16P,	1	S.A
....4	IC110	1006-001076	IC-DRIVER/RECEIVER;MAX232ECWE+T,SOP,16P,	1	S.A
....4	IC112	1103-000129	IC-EEPROM;24C02,2Kbit,256x8Bit,SOP,8P,5x	1	S.A
....4	IC112	1103-000129	IC-EEPROM;24C02,2Kbit,256x8Bit,SOP,8P,5x	1	S.A
....4	IC112	1103-001279	IC-EEPROM;24C32,32Kbit,4Kx8Bit,SOP,8P,5x	1	S.A
....4	IC5002	1105-001538	IC-VIDEO RAM;K4D263238,-,128M,4x1Mx32Bit	1	S.A
....4	DU410	1201-000166	IC-OP AMP;LM358,SOP,ST,8P,150MIL,DUAL,10	1	S.A
....4	T0085	1201-002136	IC-AUDIO AMP;LM4810,MSOP,8P,3x3mm,DUAL,-	1	S.A
....4	T0085	1201-002246	IC-AUDIO AMP;STA323W,SO,36P,15.9x11mm,-,	1	S.A
....4	IC150	1203-001009	IC-SWITCH REG.;3172,SOP,8P,244MIL,PLASTI	1	S.A
....4	IC3009	1203-001559	IC-RESET;DS1834A,SOIC,8P,150MIL,PLASTIC,	1	S.A
....4	T0087	1203-001815	IC-POSIFIXED REG.;78M09,TO-252,3P,-,PLA	1	S.A
....4	T0087	1203-001816	IC-POSIFIXED REG.;78M08,TO-252,3P,-,PLA	1	S.A
....4	IC3008_32	1203-001824	IC-VOL. DETECTOR;7042,SOT-89,3P,-,PLASTI	1	S.A
....4	T0087	1203-002842	IC-POSIFIXED REG.;AP1117D-33A,TO-252,3P	1	S.A
....4	T0087	1203-002842	IC-POSIFIXED REG.;AP1117D-33A,TO-252,3P	1	S.A
....4	T0087	1203-002842	IC-POSIFIXED REG.;AP1117D-33A,TO-252,3P	1	S.A
....4	T0087	1203-002855	IC-POSIFIXED REG.;MC33269DTRK-5.0,DPRK,	1	S.A
....4	T0087	1203-002974	IC-POSIFIXED REG.;AP1117D-25A,TO-252,3P	1	S.A
....4	T0170	1203-003059	IC-SWITCH VOL. REG.;MP1583,SOIC,8P,4.9x3	1	S.A
....4	IC1009	1204-002464	IC-AUDIO PROCESSOR;STV8257DSX,TQFP,80P,1	1	S.A
....4	IC118	1204-002503	IC-VIDEO PROCESS;SVP-PX56-7256,PQFP,256P	1	S.N.A
....4	R2024	2007-000040	R-CHIP;150ohm,1%,1/10W,TP,1608	1	S.A
....4	R5026	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	S.A
....4	R5029	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	S.A
....4	R3088	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	S.A
....4	R3100	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	S.A
....4	R3101	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	S.A
....4	R3102	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	S.A
....4	R3103	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	S.A
....4	R3104	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	S.A
....4	R3105	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	S.A
....4	R3106	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	S.A
....4	R3107	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	S.A
....4	R3130	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	S.A
....4	R3141	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	S.A
....4	R5013	2007-000060	R-CHIP;100Kohm,1%,1/10W,TP,1608	1	S.A
....4	R1066	2007-000067	R-CHIP;15Kohm,1%,1/10W,TP,1608	1	S.A
....4	R1059	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R1085	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R1086	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R1087	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R2055	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R2064	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R2069_32	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R2070_32	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R2071_32	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R2080	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R2088_32	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R2089_32	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R2090_32	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R2091_32	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R3003	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R3024	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R3025_LVDS	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R3026	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R3027	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R3028	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R3029	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R3031	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R3032	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R3033	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R3035	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R3037	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R3039	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R3040	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R3041	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R3043	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R3047_LVDS	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R3089	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R3090	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R3117	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R3118	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R3132	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R4001	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R4002	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R4003	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R4012	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R4016	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R4017	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R4018	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R4019	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R4032	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R4033	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R4035	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R4051_32	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R4086_EN	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R4090	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R5012	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R5014	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R5068	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R5076	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R5084	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R5087	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R5099	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R5100	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R5101	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R5103	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R5115	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R5116	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R5117	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R5120	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R1084	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R1095	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2050	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2063	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2106	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2107	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2108	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2109	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A

## 6 Electrical Parts List

[illegible]

[illegible]



## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R2037	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
....4	R2039	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
....4	R2042	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
....4	R2043	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
....4	R2074	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
....4	R2075	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
....4	R2077	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
....4	R2079	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
....4	R3128	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
....4	R3133	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
....4	R4030	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
....4	R4031	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
....4	R4099	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
....4	R5091	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
....4	R5093	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
....4	R1074	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R2009	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R2016	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R3001	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R3019	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R3030	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R3121	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R3138	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R3139	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R4025	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R4026	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R4027	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R4034	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R4053	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R4096	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R4103	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R5043	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R3016	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	SA
....4	R3017	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	SA
....4	R3071	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	SA
....4	R3072	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	SA
....4	R4100	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	SA
....4	R4101	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	SA
....4	R1035	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R1058	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R1060	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3002	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3014	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3015	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3018	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3020	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3021	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3022	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3036	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3038	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3070	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3079	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3080	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3081	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3082	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3086	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3087	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3108	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3109	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3110	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA



Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R3111	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3112	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3113	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3114	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3116	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3134	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3137	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R4036	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R4037	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R4098	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R4123	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R5064	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2028	2007-000087	R-CHIP;6.8Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2061	2007-000087	R-CHIP;6.8Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1015	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1016	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1038	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1039	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1041	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1051	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1067	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1101	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1102	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1103	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1104	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1105	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2002	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2003	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2013	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2044	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2045	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2057	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2065	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3005	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3006	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3007	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3075	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3076	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3083	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3084	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3085	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3131	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3140	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R4118	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R4119	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R5004	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R5044	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1065	2007-000092	R-CHIP;15Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1070	2007-000093	R-CHIP;20Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1071	2007-000093	R-CHIP;20Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1082	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3004	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608	1	S.A
....4	R5119	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1062	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1068	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1075	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1079	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1080	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2010	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2011	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	S.A

## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R2012	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	SA
....4	R3099	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	SA
....4	R1001	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R1002	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R1003	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R1004	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R1005	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R1006	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R1007	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R1008	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R1019	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R1020	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R1021	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R1022	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R1023	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R1024	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R1025	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R1026	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R1027	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R1028	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R1029	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R1030	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R1043	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R1044	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R1045	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R1046	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R1034	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	SA
....4	R1064	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	SA
....4	R1069	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	SA
....4	R1072	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	SA
....4	R1073	2007-000107	R-CHIP;470Kohm,5%,1/10W,TP,1608	1	SA
....4	R4021	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	R4022	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	R4023	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	R4024	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	R1036	2007-000119	R-CHIP;560ohm,5%,1/10W,TP,1608	1	SA
....4	R1078	2007-000122	R-CHIP;1.2Kohm,5%,1/10W,TP,1608	1	SA
....4	R1031	2007-000123	R-CHIP;1.5Kohm,5%,1/10W,TP,1608	1	SA
....4	R5053	2007-000123	R-CHIP;1.5Kohm,5%,1/10W,TP,1608	1	SA
....4	R5054	2007-000123	R-CHIP;1.5Kohm,5%,1/10W,TP,1608	1	SA
....4	R5055	2007-000123	R-CHIP;1.5Kohm,5%,1/10W,TP,1608	1	SA
....4	R3129	2007-000124	R-CHIP;2.2Kohm,5%,1/10W,TP,1608	1	SA
....4	R1096	2007-000125	R-CHIP;3.9Kohm,5%,1/10W,TP,1608	1	SA
....4	R1076	2007-000129	R-CHIP;27Kohm,5%,1/10W,TP,1608	1	SA
....4	R5015	2007-000133	R-CHIP;330Kohm,5%,1/10W,TP,1608	1	SA
....4	R2119	2007-000287	R-CHIP;100OHM,1%,1/10W,TP,1608	1	SA
....4	R2098	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R2099	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R2100	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R2101	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R2102	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R2103	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R2104	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R2105	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R3044	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R3048	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R3049_1M	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R3050_1M	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R3056	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R3060	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R3061	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3064	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3066	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3067	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3068	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3069	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3091	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3092	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3093	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3094	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3095	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3096	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3097	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3098	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R5045	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R5046	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R5047	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R2017	2007-000458	R-CHIP;18Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2052	2007-000458	R-CHIP;18Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3012	2007-000704	R-CHIP;3.6Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3013	2007-000704	R-CHIP;3.6Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1077	2007-000708	R-CHIP;3.9Kohm,1%,1/10W,TP,1608	1	S.A
....4	R4122	2007-000903	R-CHIP;430ohm,1%,1/10W,TP,1608	1	S.A
....4	R2019	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	S.A
....4	R2020	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	S.A
....4	R2021	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	S.A
....4	R2066	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	S.A
....4	R2067	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	S.A
....4	R2076	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	S.A
....4	R2078	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	S.A
....4	R2082	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	S.A
....4	R2083	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	S.A
....4	R2094	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	S.A
....4	R2095	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	S.A
....4	R5035	2007-001014	R-CHIP;51OHM,5%,1/10W,TP,1608	1	S.A
....4	R5039	2007-001014	R-CHIP;51OHM,5%,1/10W,TP,1608	1	S.A
....4	R2030	2007-001131	R-CHIP;68ohm,1%,1/10W,TP,1608	1	S.A
....4	R2056	2007-001131	R-CHIP;68ohm,1%,1/10W,TP,1608	1	S.A
....4	R2014	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R2015	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R2025	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R2026	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R2027	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R2032	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R2062	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R2085	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R2086	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R2087	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R2036	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	S.A
....4	R2038	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	S.A
....4	R2041	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	S.A
....4	R2046	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	S.A
....4	R2047	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	S.A
....4	R2048	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	S.A
....4	R2054	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	S.A
....4	R2059	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	S.A
....4	R5016	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	S.A
....4	R1057	2007-007299	R-CHIP;6.81Kohm,1%,1/10W,TP,1608	1	S.A
....4	R2118	2007-007733	R-CHIP;51ohm,1%,1/10W,TP,1608	1	S.A
....4	R1083	2007-008720	R-CHIP;4.7ohm,1%,1/4W,TP,3216	1	S.A

## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R1088	2007-008720	R-CHIP;4.7ohm,1%,1/4W,TP,3216	1	S.A
....4	R1094	2007-008720	R-CHIP;4.7ohm,1%,1/4W,TP,3216	1	S.A
....4	R1097	2007-008720	R-CHIP;4.7ohm,1%,1/4W,TP,3216	1	S.A
....4	RA5001	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA5002	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA5003	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA5004	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA5005	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA5006	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA5007	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA5010	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA3004	2011-000651	R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA3005	2011-000651	R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA3007	2011-000651	R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA3008	2011-000651	R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA3009	2011-000651	R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA3011	2011-000651	R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA3001	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA3002	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA3003	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA3006	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA3010	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA3012	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA3013	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA3014	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA3015	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA3016	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA3017	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA3018	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA3019	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA3020	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA4001	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA4002	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	C1158	2203-000125	C-CER,CHIP;1.2nF,10%,50V,X7R,TP,1608,-	1	S.A
....4	C1037	2203-000140	C-CER,CHIP;1.5nF,10%,50V,X7R,1608	1	S.A
....4	C1062	2203-000140	C-CER,CHIP;1.5nF,10%,50V,X7R,1608	1	S.A
....4	C1004	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1006	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1008	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1016	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1021	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1025	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1027	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1043	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1046	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1052	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1053	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1054	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1055	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1075	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1084	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1086	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1087	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1097	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1098	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1103	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1105	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1109	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1124	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1132	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A

[illegible]

## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C4095	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C4128	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C5026	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C5038	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C5043	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C5022	2203-000221	C-CER,CHIP;100nF,20%,50V,Y5V,TP,3216	1	SA
....4	C1050	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C1134	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C1135	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C1161	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C1162	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C1163	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C2003	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C2004	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C2005	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C2006	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C2007	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C2011	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C2012	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C2013	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C2014	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C2019	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C2020	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C2022_DE	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C2023	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C2024	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C2025	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C2027	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C2028	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C2032	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C3024	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C3025	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C5059	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C5068	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C5069	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C5084	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C5085	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C1002	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C1005	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C1013	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C1022	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C1026	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C1034	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C1049	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C1094	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C3035	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C4005	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C4006	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C4007	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C4008	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C4009	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C4124	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C5006	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C5007	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C5008	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C5009	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C5010	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C5017	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C5036	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C5040	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C5061	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C5062	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C5064	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C1110	2203-000405	C-CER,CHIP;0.18nF,5%,50V,C0G,1608	1	S.A
....4	C1121	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C3002	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C3003	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C3007	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C3020	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C3021	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C3029	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C4119	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C5087	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C4058	2203-000531	C-CER,CHIP;2.7nF,10%,50V,X7R,1608	1	S.A
....4	C4066	2203-000531	C-CER,CHIP;2.7nF,10%,50V,X7R,1608	1	S.A
....4	C4001	2203-000552	C-CER,CHIP;0.02nF,5%,50V,C0G,1608	1	S.A
....4	C4011	2203-000552	C-CER,CHIP;0.02nF,5%,50V,C0G,1608	1	S.A
....4	C1070	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	S.A
....4	C1082	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	S.A
....4	C3012	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	S.A
....4	C3013	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	S.A
....4	C3030	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	S.A
....4	C3031	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	S.A
....4	C1111	2203-000715	C-CER,CHIP;3.3nF,10%,50V,X7R,1608	1	S.A
....4	C1142	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C1152	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C2009	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C2010	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C2015	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C2016	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C2026	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C5076	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C5077	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C1100	2203-000798	C-CER,CHIP;33nF,10%,16V,X7R,TP,1608,-	1	S.A
....4	C1101	2203-000798	C-CER,CHIP;33nF,10%,16V,X7R,TP,1608,-	1	S.A
....4	C2029	2203-000815	C-CER,CHIP;0.033nF,5%,50V,C0G,1608	1	S.A
....4	C2030	2203-000815	C-CER,CHIP;0.033nF,5%,50V,C0G,1608	1	S.A
....4	C2031	2203-000815	C-CER,CHIP;0.033nF,5%,50V,C0G,1608	1	S.A
....4	C5056	2203-000815	C-CER,CHIP;0.033nF,5%,50V,C0G,1608	1	S.A
....4	C5057	2203-000815	C-CER,CHIP;0.033nF,5%,50V,C0G,1608	1	S.A
....4	C5058	2203-000815	C-CER,CHIP;0.033nF,5%,50V,C0G,1608	1	S.A
....4	C1119	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	S.A
....4	C1120	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	S.A
....4	C4003	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	S.A
....4	C4004	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	S.A
....4	C5003	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	S.A
....4	C5004	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	S.A
....4	C1063	2203-000972	C-CER,CHIP;47nF,10%,16V,X7R,1608	1	S.A
....4	C2008	2203-000998	C-CER,CHIP;0.047nF,5%,50V,C0G,1608	1	S.A
....4	C2021	2203-000998	C-CER,CHIP;0.047nF,5%,50V,C0G,1608	1	S.A
....4	C5063	2203-000998	C-CER,CHIP;0.047nF,5%,50V,C0G,1608	1	S.A
....4	C1056	2203-001402	C-CER,CHIP;220nF,+80-20%,16V,Y5V,TP,1608	1	S.A
....4	C1164	2203-001607	C-CER,CHIP;0.22nF,5%,50V,NP0,1608	1	S.A
....4	C1114	2203-001652	C-CER,CHIP;470nF,+80-20%,16V,Y5V,1608	1	S.A
....4	C1116	2203-001652	C-CER,CHIP;470nF,+80-20%,16V,Y5V,1608	1	S.A
....4	C1038	2203-001656	C-CER,CHIP;0.47nF,5%,50V,NP0,1608	1	S.A
....4	C1061	2203-001656	C-CER,CHIP;0.47nF,5%,50V,NP0,1608	1	S.A
....4	C3039	2203-001656	C-CER,CHIP;0.47nF,5%,50V,NP0,1608	1	S.A
....4	C1117	2203-001724	C-CER,CHIP;4700nF,+80-20%,16V,Y5V,3216	1	S.A
....4	C1003	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A



## 6 Electrical Parts List

[illegible]



Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C1122	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C1131	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C1137	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C1138	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C1140	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C1144	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C1145	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C1146	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C1147	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C1149	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C1150	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C1154	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C1156	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C1157	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C1160	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C1166	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C4014	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C4015	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C4024	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C4033	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C4037	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C4044	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C4050	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C4065	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C4074	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C4075	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C4078	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C4079	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C4087	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C4088	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C4089	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C4090	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C4091	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C4092	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C4093	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C4094	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C1001	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1012	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1014	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1017	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1018	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1019	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1020	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1023	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1024	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1030	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1033	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1035	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1041	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1044	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1045	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1047	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1048	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1051	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1058	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1060	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1065	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1076	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1080	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1081	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA

## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C1083	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1085	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1088	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1089	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1090	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1091	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1092	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1096	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1099	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1126	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1136	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1172	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C3017	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C4057	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C4064	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C4072	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C4082	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C4122	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C5083	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C5086	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C2001	2402-000108	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.2m	1	S.A
....4	C5037	2402-000108	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.2m	1	S.A
....4	C5041	2402-000108	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.2m	1	S.A
....4	C5024	2402-000179	C-AL,SMD;47uF,20%,16V,GP,TP,6.6x6.6x5.7m	1	S.A
....4	C4012	2402-001059	C-AL,SMD;220UF,20%,6.3V,-,TP,6X6.6X6.6	1	S.A
....4	C4013	2402-001059	C-AL,SMD;220UF,20%,6.3V,-,TP,6X6.6X6.6	1	S.A
....4	C1102	2402-001081	C-AL,SMD;100uF,20%,25V,WT,TP,8.3x8.3x10	1	S.A
....4	C1125	2402-001083	C-AL,SMD;100uF,20%,50V,GP,TP,10x10.3x10m	1	S.A
....4	C5032	2402-001097	C-AL,SMD;0.1UF,20%,50V,WT,TP,4.3X4.3X5.2	1	S.A
....4	C5033	2402-001097	C-AL,SMD;0.1UF,20%,50V,WT,TP,4.3X4.3X5.2	1	S.A
....4	C1009	2402-001128	C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C1010	2402-001128	C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C1015	2402-001128	C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C1029	2402-001128	C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C1036	2402-001128	C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C1042	2402-001128	C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C1059	2402-001128	C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C1112	2402-001128	C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C1113	2402-001128	C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C1115	2402-001128	C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C1123	2402-001128	C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C1007	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	S.A
....4	C1028	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	S.A
....4	C1064	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	S.A
....4	C1069	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	S.A
....4	C1107	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	S.A
....4	C3036	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	S.A
....4	C3038	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	S.A
....4	C4010	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	S.A
....4	C5042	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	S.A
....4	C1106	2402-001160	C-AL,SMD;330UF,20%,16V,WT,TP,1008	1	S.A
....4	C1077	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	S.A
....4	C1139	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	S.A
....4	C2017	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	S.A
....4	C3004	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	S.A
....4	C3006	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	S.A
....4	C3008	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	S.A
....4	C3011	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	S.A
....4	C3028	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	S.A
....4	C3041	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	S.A

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C3043	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	S.A
....4	C3045	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	S.A
....4	C3048	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	S.A
....4	C3050	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	S.A
....4	C3051	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	S.A
....4	C1057	2402-001183	C-AL,SMD;22uF,20%,16V,WT,TP,5.3X5.3X6MM	1	S.A
....4	C1128	2402-001183	C-AL,SMD;22uF,20%,16V,WT,TP,5.3X5.3X6MM	1	S.A
....4	C1167	2402-001183	C-AL,SMD;22uF,20%,16V,WT,TP,5.3X5.3X6MM	1	S.A
....4	C1170	2402-001183	C-AL,SMD;22uF,20%,16V,WT,TP,5.3X5.3X6MM	1	S.A
....4	C4123	2402-001183	C-AL,SMD;22uF,20%,16V,WT,TP,5.3X5.3X6MM	1	S.A
....4	C5005	2402-001183	C-AL,SMD;22uF,20%,16V,WT,TP,5.3X5.3X6MM	1	S.A
....4	C5016	2402-001183	C-AL,SMD;22uF,20%,16V,WT,TP,5.3X5.3X6MM	1	S.A
....4	C1127	2402-001221	C-AL,SMD;470uF,20%,16V,-,TP,A8.3XB8.3XL1	1	S.A
....4	C1165	2402-001221	C-AL,SMD;470uF,20%,16V,-,TP,A8.3XB8.3XL1	1	S.A
....4	C4030	2402-001226	C-AL,SMD;4.7uF,20%,35V,HR,TP,4.3X4.3X5.8	1	S.A
....4	C4047	2402-001226	C-AL,SMD;4.7uF,20%,35V,HR,TP,4.3X4.3X5.8	1	S.A
....4	C4051	2402-001226	C-AL,SMD;4.7uF,20%,35V,HR,TP,4.3X4.3X5.8	1	S.A
....4	C4127	2402-001226	C-AL,SMD;4.7uF,20%,35V,HR,TP,4.3X4.3X5.8	1	S.A
....4	C5078	2402-001257	C-AL,SMD;470uF,20%,16V,-,TP,8.3*10	1	S.A
....4	C5079	2402-001257	C-AL,SMD;470uF,20%,16V,-,TP,8.3*10	1	S.A
....4	C5080	2402-001257	C-AL,SMD;470uF,20%,16V,-,TP,8.3*10	1	S.A
....4	C1095	2409-001029	C-ORGANIC;120uF,20%,6.3V,WT,TP,10.3x10.3	1	S.A
....4	T0052	2703-000274	INDUCTOR-SMD;2.2uH,10%,2012	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-001229	INDUCTOR-SMD;2.2uH,10%,1608	1	S.A
....4	T0052	2703-001229	INDUCTOR-SMD;2.2uH,10%,1608	1	S.A
....4	T0052	2703-001229	INDUCTOR-SMD;2.2uH,10%,1608	1	S.A
....4	T0052	2703-001229	INDUCTOR-SMD;2.2uH,10%,1608	1	S.A
....4	T0052	2703-001229	INDUCTOR-SMD;2.2uH,10%,1608	1	S.A
....4	T0052	2703-001229	INDUCTOR-SMD;2.2uH,10%,1608	1	S.A
....4	T0052	2703-001229	INDUCTOR-SMD;2.2uH,10%,1608	1	S.A
....4	T0052	2703-001778	INDUCTOR-SMD;3.3uH,20%,3225	1	S.A
....4	T0052	2703-002722	INDUCTOR-SMD;22uH,20%,12x12mm	1	S.A
....4	T0052	2703-002915	INDUCTOR-SMD;22uH,20%,8080	1	S.A
....4	T0052	2703-002915	INDUCTOR-SMD;22uH,20%,8080	1	S.A
....4	T0052	2703-002915	INDUCTOR-SMD;22uH,20%,8080	1	S.A
....4	T0052	2703-002915	INDUCTOR-SMD;22uH,20%,8080	1	S.A
....4	X3002	2801-003326	CRYSTAL-SMD;24MHZ,30PPM,28-ABX,20PF,500H	1	S.A
....4	X3001	2801-003923	CRYSTAL-SMD;10MHz,30ppm,28-AAN,20pF,60oh	1	S.A
....4	X1001	2801-003954	CRYSTAL-SMD;27MHz,30ppm,28-AAN,16pF,50oh	1	S.A
....4	X4001	2801-004483	CRYSTAL-SMD;28.322MHz,30ppm,HC-49,20pF,5	1	S.A
....4	F103	2901-001114	FILTER-EMI SMD;25VDC,2.0ADC,-,100nF,3.2x	1	S.A
....4	T0568	3301-000314	BEAD-SMD;120ohm,1.6x0.8x0.8mm,-,-,-	1	S.N.A
....4	T0568	3301-000314	BEAD-SMD;120ohm,1.6x0.8x0.8mm,-,-,-	1	S.N.A
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A

## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A
....4	T0568	3301-001236	BEAD-SMD;60ohm,1608,-,-,-	1	S.N.A
....4	T0568	3301-001236	BEAD-SMD;60ohm,1608,-,-,-	1	S.N.A
....4	T0568	3301-001236	BEAD-SMD;60ohm,1608,-,-,-	1	S.N.A
....4	T0568	3301-001236	BEAD-SMD;60ohm,1608,-,-,-	1	S.N.A
....4	T0568	3301-001236	BEAD-SMD;60ohm,1608,-,-,-	1	S.N.A
....4	T0568	3301-001236	BEAD-SMD;60ohm,1608,-,-,-	1	S.N.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001393	BEAD-SMD;60ohm,3216,1500mA,TP,41ohm/40MH	1	S.N.A
....4	T0568	3301-001404	BEAD-SMD;30ohm,2012,TP,-,-	1	S.A
....4	T0568	3301-001404	BEAD-SMD;30ohm,2012,TP,-,-	1	S.A
....4	T0568	3301-001404	BEAD-SMD;30ohm,2012,TP,-,-	1	S.A
....4	T0568	3301-001404	BEAD-SMD;30ohm,2012,TP,-,-	1	S.A
....4	T0568	3301-001404	BEAD-SMD;30ohm,2012,TP,-,-	1	S.A
....4	T0568	3301-001404	BEAD-SMD;30ohm,2012,TP,-,-	1	S.A
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A
....4	CN2001	3701-001311	CONNECTOR-HDMI;21P,2R,FEMALE,SMD-S,AU30U	1	S.A
....4	CN330	3711-005291	HEADER-BOARD TO CABLE;BOX,2P,1R,2MM,SMD-	1	S.A
....4	CN330	3711-005292	HEADER-BOARD TO CABLE;BOX,3P,1R,2MM,SMD-	1	S.A
....4	CN330	3711-005497	HEADER-BOARD TO CABLE;BOX,15P,1R,1.25MM,	1	S.A
....4	L1012	BN27-00007A	COIL CHOKE-SMD;DHB0504-100,RB15/17NS,10u	1	S.A
....4	T0077	BN41-00700B	PCB MAIN;CAMBRIDGE,FR-4,4,MP2.0,1.6T,192	1	S.N.A
....4	M0018	BN97-00805G	ASSY MICOM;T-CBGMPPEUS-1001,LE32R73BDX/XE	1	S.A
.....5	IC520	0903-001389	IC-MICROCONTROLLER;S3F866B,8Bit,QFP,44P,	1	S.N.A
....4	M0018	BN97-01186B	ASSY MICOM;T-BSMMPITD,LE32S73BDX/XET,200	1	S.N.A
.....5	IC115	1107-001555	IC-FLASH MEMORY;49BV802A,8MBIT,1MX8/512K	1	S.N.A
..2	T0422	BN94-01078H	ASSY PCB MISC-DTV MODULE;LE32N73BDX/XEC	1	S.N.A
...3	T0245	0202-001492	SOLDER-WIRE FLUX;HSE-02 LFM48 SR-34 S,-,	0.003	S.N.A
...3	IC104	1405-000187	VARIATOR;615Vdc,1250A,12.5x7mm,TP	1	S.A
...3	IC106	1405-000187	VARIATOR;615Vdc,1250A,12.5x7mm,TP	1	S.A
...3	IC107	1405-000187	VARIATOR;615Vdc,1250A,12.5x7mm,TP	1	S.A
...3	CN902	3703-001124	CONNECTOR-BACK PANEL;32P,2R,MALE,ANGLE,A	1	S.A
...3	CN902	3703-001124	CONNECTOR-BACK PANEL;32P,2R,MALE,ANGLE,A	1	S.A
...3	CN501	3709-001346	CONNECTOR-CARD SLOT;68P,0.27mm,ANGLE,AU1	1	S.A
...3	CN330	3711-001154	HEADER-BOARD TO CABLE;BOX,9P,1R,2.5MM,ST	1	S.A
...3	JA330	3722-001055	JACK-PHONE;5P/2C,AG,BLK,ANGLE	1	S.A
...3	CN110	3722-002418	JACK-MODULAR;6P/2C,STANDARD,Y,ANGLE,N,AU	1	S.A
...3	MD101	BN96-02795A	ASSY PCB P-MODEM;SIENA,ITALY,MODEM	1	S.N.A
...3	T0174	BN97-01160G	ASSY SMD;LE32N73BDX/XEC	1	S.N.A
....4	CIS05	0202-001477	SOLDER-CREAM;LST309-M,-,D20-45\$,~96.5Sn/	0.94	S.N.A
....4	IC104	0801-002378	IC-CMOS LOGIC;74VHC04,HEX INVERTER,SOP,1	1	S.A
....4	IC104	0801-002709	IC-CMOS LOGIC;74HC373,D FLIP-FLOP,TSSOP,	1	S.A
....4	IC104	0801-002709	IC-CMOS LOGIC;74HC373,D FLIP-FLOP,TSSOP,	1	S.A
....4	IC501	0802-001037	IC-BICMOS LOGIC;74LVT245,BUS TRANSCEIVER	1	S.A
....4	IC107	1002-001176	IC-D/A CONVERTER;CS4339-KSZR,18BIT,SOP,8	1	S.A
....4	IC402	1006-001266	IC-LINE TRANSCEIVER;SP3232EEY,TSSOP,16P,	1	S.A

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	IC112	1103-001147	IC-EEPROM;24256,256Kbit,32Kx8Bit,SOP,8P,	1	S.A
....4	IC113	1105-001308	IC-DRAM;K4S281632,128Mbit,8Mx16,TSOP,54P	1	S.A
....4	IC113	1105-001308	IC-DRAM;K4S281632,128Mbit,8Mx16,TSOP,54P	1	S.A
....4	IC113	1105-001308	IC-DRAM;K4S281632,128Mbit,8Mx16,TSOP,54P	1	S.A
....4	IC113	1105-001308	IC-DRAM;K4S281632,128Mbit,8Mx16,TSOP,54P	1	S.A
....4	T0087	1203-002686	IC-POSI.FIXED REG.;MIC39100,SOT-223,3P,6	1	S.A
....4	T0087	1203-002842	IC-POSI.FIXED REG.;AP1117D-33A,TO-252,3P	1	S.A
....4	T0087	1203-002842	IC-POSI.FIXED REG.;AP1117D-33A,TO-252,3P	1	S.A
....4	IC401	1204-001774	IC-VIDEO ENCODER;BT861KRF,MQFP,80P,551MI	1	S.A
....4	IC301	1205-002340	IC-DATA COMM./GEN.;CX22496-17,BGA,292P,2	1	S.A
....4	R101	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	S.A
....4	R122	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	S.A
....4	R308	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	S.A
....4	R402	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	S.A
....4	R408	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	S.A
....4	R120	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R124_OP	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R125	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R320	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R108	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R311	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R406	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R412	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R426	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R427	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R428	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R429	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R512	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R514	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R302	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R303	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R317	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R102	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R103	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R104	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R110	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R301	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R304	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R305	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R307	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R417	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R501	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R502	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R505	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R506	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R508	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R509	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R510	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R511	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R312	2007-000109	R-CHIP;1Mohm,5%,1/10W,TP,1608	1	S.A
....4	R112	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R118	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R119	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R121	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R203	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R204	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R205	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R206	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R209	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R210	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A

## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R211	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R212	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R306	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R309	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R310	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R313	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R316	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R321	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R322	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R323	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R424	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R425	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R403	2007-000116	R-CHIP;120ohm,5%,1/10W,TP,1608	1	S.A
....4	R413	2007-000122	R-CHIP;1.2Kohm,5%,1/10W,TP,1608	1	S.A
....4	R414	2007-000122	R-CHIP;1.2Kohm,5%,1/10W,TP,1608	1	S.A
....4	R314	2007-000402	R-CHIP;150ohm,5%,1/10W,TP,1608	1	S.A
....4	R319	2007-000402	R-CHIP;150ohm,5%,1/10W,TP,1608	1	S.A
....4	R409	2007-000402	R-CHIP;150ohm,5%,1/10W,TP,1608	1	S.A
....4	R421	2007-000402	R-CHIP;150ohm,5%,1/10W,TP,1608	1	S.A
....4	R416	2007-000426	R-CHIP;160ohm,5%,1/10W,TP,1608	1	S.A
....4	R432	2007-000512	R-CHIP;2.4Kohm,5%,1/10W,TP,1608	1	S.A
....4	R433	2007-000512	R-CHIP;2.4Kohm,5%,1/10W,TP,1608	1	S.A
....4	R430	2007-000637	R-CHIP;270Kohm,5%,1/10W,TP,1608	1	S.A
....4	R431	2007-000637	R-CHIP;270Kohm,5%,1/10W,TP,1608	1	S.A
....4	R315	2007-000929	R-CHIP;470ohm,1%,1/10W,TP,1608	1	S.A
....4	R318	2007-000929	R-CHIP;470ohm,1%,1/10W,TP,1608	1	S.A
....4	R111	2007-001044	R-CHIP;56ohm,5%,1/10W,TP,1608	1	S.A
....4	R503	2007-001044	R-CHIP;56ohm,5%,1/10W,TP,1608	1	S.A
....4	R504	2007-001044	R-CHIP;56ohm,5%,1/10W,TP,1608	1	S.A
....4	RA501	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA502	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA503	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA504	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	R201	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	R202	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	R207	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	R208	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA113	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA114	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA115	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA301	2011-001193	R-NET;68ohm,5%,1/16W,L,CHIP,8P,TP	1	S.A
....4	RA302	2011-001193	R-NET;68ohm,5%,1/16W,L,CHIP,8P,TP	1	S.A
....4	RA303	2011-001193	R-NET;68ohm,5%,1/16W,L,CHIP,8P,TP	1	S.A
....4	RA304	2011-001193	R-NET;68ohm,5%,1/16W,L,CHIP,8P,TP	1	S.A
....4	RA305	2011-001193	R-NET;68ohm,5%,1/16W,L,CHIP,8P,TP	1	S.A
....4	RA306	2011-001193	R-NET;68ohm,5%,1/16W,L,CHIP,8P,TP	1	S.A
....4	RA307	2011-001193	R-NET;68ohm,5%,1/16W,L,CHIP,8P,TP	1	S.A
....4	RA308	2011-001193	R-NET;68ohm,5%,1/16W,L,CHIP,8P,TP	1	S.A
....4	RA309	2011-001193	R-NET;68ohm,5%,1/16W,L,CHIP,8P,TP	1	S.A
....4	RA310	2011-001193	R-NET;68ohm,5%,1/16W,L,CHIP,8P,TP	1	S.A
....4	RA311	2011-001193	R-NET;68ohm,5%,1/16W,L,CHIP,8P,TP	1	S.A
....4	C101	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C107	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C109	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C111	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C112	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C114	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C118	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C201	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C202	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A



[illegible]

## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C506	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C507	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C508	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C509	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C511	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C428	2203-000357	C-CER,CHIP;0.15nF,5%,50V,C0G,1608	1	S.A
....4	C429	2203-000357	C-CER,CHIP;0.15nF,5%,50V,C0G,1608	1	S.A
....4	C440	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	S.A
....4	C441	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	S.A
....4	C446	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	S.A
....4	C447	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	S.A
....4	C442	2203-000659	C-CER,CHIP;0.27nF,5%,50V,C0G,1608	1	S.A
....4	C444	2203-000659	C-CER,CHIP;0.27nF,5%,50V,C0G,1608	1	S.A
....4	C448	2203-000659	C-CER,CHIP;0.27nF,5%,50V,C0G,1608	1	S.A
....4	C450	2203-000659	C-CER,CHIP;0.27nF,5%,50V,C0G,1608	1	S.A
....4	C310	2203-000681	C-CER,CHIP;0.027nF,5%,50V,C0G,1608	1	S.A
....4	C443	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C445	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C449	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C451	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C311	2203-000815	C-CER,CHIP;0.033nF,5%,50V,C0G,1608	1	S.A
....4	C434	2203-001126	C-CER,CHIP;0.68nF,10%,50V,X7R,1608	1	S.A
....4	C435	2203-001126	C-CER,CHIP;0.68nF,10%,50V,X7R,1608	1	S.A
....4	C312_DE	2203-001170	C-CER,CHIP;0.0060nF,0.25pF,50V,NP0,1608	1	S.A
....4	C320	2203-002793	C-CER,CHIP;1000nF,+80-20%,25V,Y5V,2012	1	S.A
....4	C321	2203-002793	C-CER,CHIP;1000nF,+80-20%,25V,Y5V,2012	1	S.A
....4	C401	2203-002793	C-CER,CHIP;1000nF,+80-20%,25V,Y5V,2012	1	S.A
....4	C411	2203-002793	C-CER,CHIP;1000nF,+80-20%,25V,Y5V,2012	1	S.A
....4	C412	2203-002793	C-CER,CHIP;1000nF,+80-20%,25V,Y5V,2012	1	S.A
....4	C413	2203-002793	C-CER,CHIP;1000nF,+80-20%,25V,Y5V,2012	1	S.A
....4	C414	2203-002793	C-CER,CHIP;1000nF,+80-20%,25V,Y5V,2012	1	S.A
....4	C415	2203-002793	C-CER,CHIP;1000nF,+80-20%,25V,Y5V,2012	1	S.A
....4	C102	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C103	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C431	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C120	2402-000209	C-AL,SMD;22uF,20%,16V,WT,TP,5.3x5.3mm	1	S.A
....4	C503	2402-001042	C-AL,SMD;100uF,20%,16V,GP,TP,6.6x6.6x5.4	1	S.A
....4	C115	2402-001128	C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C119	2402-001128	C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C432	2402-001128	C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C510	2402-001128	C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C104	2402-001216	C-AL,SMD;470uF,20%,16V,WT,TP,10.3x10.3x1	1	S.A
....4	C105	2402-001216	C-AL,SMD;470uF,20%,16V,WT,TP,10.3x10.3x1	1	S.A
....4	C313	2402-001216	C-AL,SMD;470uF,20%,16V,WT,TP,10.3x10.3x1	1	S.A
....4	C106	2402-001269	C-AL,SMD;10uF,20%,10V,WT(BP),REEL,4x5.3m	1	S.A
....4	C108	2402-001269	C-AL,SMD;10uF,20%,10V,WT(BP),REEL,4x5.3m	1	S.A
....4	C110	2402-001269	C-AL,SMD;10uF,20%,10V,WT(BP),REEL,4x5.3m	1	S.A
....4	C419	2402-001269	C-AL,SMD;10uF,20%,10V,WT(BP),REEL,4x5.3m	1	S.A
....4	T0052	2703-000125	INDUCTOR-SMD;10uH,10%,2012	1	S.A
....4	T0052	2703-000125	INDUCTOR-SMD;10uH,10%,2012	1	S.A
....4	T0052	2703-000125	INDUCTOR-SMD;10uH,10%,2012	1	S.A
....4	T0052	2703-000125	INDUCTOR-SMD;10uH,10%,2012	1	S.A
....4	T0052	2703-000125	INDUCTOR-SMD;10uH,10%,2012	1	S.A
....4	T0052	2703-000310	INDUCTOR-SMD;1.8uH,10%,1608	1	S.A
....4	T0052	2703-000310	INDUCTOR-SMD;1.8uH,10%,1608	1	S.A
....4	T0052	2703-000310	INDUCTOR-SMD;1.8uH,10%,1608	1	S.A
....4	T0052	2703-000310	INDUCTOR-SMD;1.8uH,10%,1608	1	S.A
....4	T0052	2703-000310	INDUCTOR-SMD;1.8uH,10%,1608	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	X301	2801-003667	CRYSTAL-SMD;14.31818MHz,30ppm,28-AAN,16,	1	S.A
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A



Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A
....4	FU101	3601-001376	FUSE-SURFACE MOUNT;32V,3A,FAST-ACTING,Hi	1	S.A
....4	IC063	AA13-00030B	IC HYBRID;CIMAX-SP2,WS28A116DUX,128P,0 -	1	S.A
....4	MP1.3	BN41-00660C	PCB-MODULE;SORRENTO,FR-4,6L,1.6,165*110,	1	S.N.A
....4	M0018	BN97-00805U	ASSY MICOM;T_SOWODES0_1000,GTO26SIT-R53A	1	S.N.A
....5	IC115	1107-001424	IC-FLASH MEMORY;S29GL064M,64Mbit,4Mx16Bi	1	S.N.A
					S.A
0.1	M0112	BN91-01008Q	ASSY SHIELD;LE40R73BDX/XET	1	S.N.A
..2	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	1	S.A
..2	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	4	S.A
..2	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	4	S.A
..2	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	2	S.A
..2	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	2	S.A
..2	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	3	S.A
..2	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	2	S.A
..2	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	1	S.A
..2	M2893	BH39-00362G	LEAD CONNECTOR;SONOMA,UL1007#26,5PIN,100	1	S.A
..2	T0076	BN39-00615D	CBF HARNESS;BORDEAUX,1617#22,3P,1P,RING,	1	S.A
..2	M2893	BN39-00691B	LEAD CONNECTOR;LE32R71BX,UL1007#26,16P,1	1	S.A
..2	M2893	BN39-00712C	LEAD CONNECTOR-LVDS;Bordeaux,UL1571#30,U	1	S.A
..2	M2893	BN39-00716B	LEAD CONNECTOR;LE40R71BX/XEC,UL3239#24,2	1	S.A
..2	M2893	BN39-00717A	LEAD CONNECTOR;LE32R71BX/XEC,UL3443#28,5	1	S.A
..2	M0174	BN44-00134C	IP BOARD;PSIV230601A,40"BORDEAUX,2.0-3.0	1	S.A
..2		BN61-02099A	GUIDE-PCB;26,32 SIENA,PC+ABS,5V,G3940	1	S.N.A
..2	M0146	BN61-02256B	BRACKET-PANEL SIDE;Bordeaux 40,SECC,T1.2	1	S.N.A
..2	M0146	BN61-02257B	BRACKET-PANEL SIDE;Bordeaux 40,SECC,T1.2	1	S.N.A
..2		BN61-02258A	BRACKET-STAND LINK;Bordeaux 40,SECC,T1.6	1	S.N.A
..2	M0114	BN61-02500A	HOLDER-WIRE;NYLON6.6,NATURAL	2	S.N.A
..2	M0146	BN63-02462B	SHIELD CASE;CAMBRIDGE 32,SECC,T0.8,UK,(I	1	S.N.A
..2	CIS	BN96-02732A	ASSY PCB P-MODULE;ITALY,SMART CARD MODUL	1	S.N.A
..2	M0059	BN96-03056A	ASSY BOARD P-HOLDER AV;40R71,EO,ABS+PMMA	1	S.N.A
...3		BN61-02250A	HOLDER-SIDE AV;40R71,EO,KO,SO,ABS+PMMA,H	1	S.N.A
...3	T0578	BN64-00454A	INLAY AV;BORDEAUX,PS SHEET,T0.3,-,BLAC	1	S.N.A
...3	M0020	BN96-02439A	ASSY BOARD P-SUB AV SIDE;MILANO,CT5000-3	1	S.N.A
...3	M2893	BN39-00672A	LEAD CONNECTOR;LNR329DX/XAA,UL2835#28,UL	1	S.A
..2	T0447	BN96-03442B	ASSY BRACKET P-PANEL;CAMBRIDGE40,SECC,AM	1	S.N.A
...3	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	1	S.A
...3	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	2	S.A
...3	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	2	S.A
...3	M0146	BN61-02251B	BRACKET-PANEL TOP;Bordeaux 40,SECC,T1.2	1	S.N.A
...3		BN61-02252B	BRACKET-PANEL BOTTOM;Bordeaux 40,SECC,T1	1	S.N.A
...3		BN61-02253A	BRACKET-GUIDE MAIN;Bordeaux 40,SECC,T1.2	1	S.N.A
...3		BN61-02254A	BRACKET-GUIDE POWER;Bordeaux 40,SECC,T1.	1	S.N.A
...3		BN61-02255A	BRACKET-GUIDE POWER;Bordeaux 40,SECC,T1.	1	S.N.A
...3	T0514	BN61-02393A	BRACKET-SUPPORT;CAMBRIDGE 32,SECC,T1.2	1	S.N.A
...3	T0101	BN61-02427A	BRACKET-WALL;BORDEAUX 40,SECC,T1.2	1	S.N.A
...3	M0131	AA63-01401A	GASKET;LE40R71BX,Conductive Fabric,22mm,	1	S.N.A
...3	M0131	AA63-01438A	GASKET;Bordeaux,Conductive Fabric,7mm,8m	1	S.N.A
...3	M0131	AA63-01447A	GASKET;Cambridge,Conductive Fabric,20mm,	1	S.N.A
...3	T0514	BN61-02778A	BRACKET-SUPPORT;40M7,SECC T1.2	1	S.N.A
..2	T0175	BN96-03590A	ASSY SHIELD P-PCB MAIN;CAMBRIDGE32,SECC	1	S.N.A
...3	T0603	BN63-02458A	SHIELD-PCB MAIN;CAMBRIDGE 32,SECC,T0.5,U	1	S.N.A
...3	M0131	BN63-02627A	GASKET;Oxford,Conductive Fabric,8,13,30,	1	S.N.A
..2	M2893	BP39-00121C	LEAD CONNECTOR;SIENA,UL1007#26,9P,100mm,	1	S.A
..2	M0081	6003-001188	SCREW-TAPTITE;BH,+,B,M4,L10,YEL,SWRCH18A	2	S.N.A
..2	M0081	6003-001188	SCREW-TAPTITE;BH,+,B,M4,L10,YEL,SWRCH18A	1	S.N.A
..2	M0081	6003-001188	SCREW-TAPTITE;BH,+,B,M4,L10,YEL,SWRCH18A	9	S.N.A
..2	M0081	6003-001188	SCREW-TAPTITE;BH,+,B,M4,L10,YEL,SWRCH18A	1	S.N.A
..2	M0081	6003-001188	SCREW-TAPTITE;BH,+,B,M4,L10,YEL,SWRCH18A	2	S.N.A

## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
..2	M0081	6003-001188	SCREW-TAPTITE;BH,+,B,M4,L10,YEL,SWRCH18A	1	S.N.A
..2	M0081	6003-000337	SCREW-TAPTITE;BH,+,S,M4,L10,ZPC(BLK),SWR	5	S.A
..2	M0081	6003-001439	SCREW-TAPTITE;BH,+,S,M4,L8,ZPC(YEL)	1	S.N.A
0.1	T0852	BN91-01017B	ASSY LCD-SPZ;LE40R71BX/*	1	S.N.A
..2	M0215	BN07-00264A	LCD-PANEL;LTA400WT-L01,8bit,952*551*51.0	1	S.A
					S.A
0.1	M0113	BN92-01665A	ASSY P/MATERIAL;40R71,BORDEAUX	1	S.N.A
..2	T0376	6902-000061	BAG AIR;LDPE,T0.2,L1000,W500,TRP,,,	0.05	S.N.A
..2	T0376	6902-000379	BAG AIR;LDPE,T0.2,W1000,L1800,TRP,-,-	0.015	S.N.A
..2	T0081	6902-000604	BAG WRAPPING;LDPE,T0.02,W500,L10000,TRP,	13.44	S.N.A
..2	T0524	6902-000524	BAG PE;HDPE/NITRON(DOUBLE),T0.015/T0.5(D	1	S.N.A
0.1	M0019	BN92-01801T	ASSY LABEL;LE40R73BDX/XEE	1	S.N.A
0.1	M0003	BN92-01884J	ASSY BOX;40R73,EO(XEC),CAMBRIDGE	1	S.N.A
..2	T0130	BN69-01266R	BOX-00,SET;40R73,CB,DY-01,AB,YEL,A1,IDTV	1.02	S.N.A
0.1	M0045	BN92-02092C	ASSY ACCESSORY;LE40R73BDX/XEC	1	S.N.A
..2	M0045	BN96-04157N	ASSY ACCESSORY;LE40R73BDX/XEC	1	S.A
...3	T0268	3903-000145	CBF-POWER CORD;DT,EU,FP3/YES,U(IEC C13-R	1	S.A
...3	T0524	6902-000110	BAG PE;LDPE,T0.05,W250,L400,TRP,28,2	2	S.N.A
...3	ACCESSORY	AA68-03242E	MANUAL FLYER-01,SAFETY GUIDE;All Model,S	1	S.N.A
...3	ACCESSORY	AA68-03575A	MANUAL FLYER-01,REGISTRATION C;XEU,ENG,U	1	S.N.A
...3	ACCESSORY	AA68-03575B	MANUAL FLYER-010,REGISTRATION;XEG,GERMAN	1	S.N.A
...3	ACCESSORY	AA68-03575C	MANUAL FLYER-01,REGISTRATION C;XEF,FRENC	1	S.N.A
...3	ACCESSORY	AA68-03575D	MANUAL FLYER-02,REGISTRATION C;XEC,SPANI	1	S.N.A
...3	ACCESSORY	AA68-03575E	MANUAL FLYER-02,REGISTRATION C;XET,ITALY	1	S.N.A
...3	ACCESSORY	AA68-03575F	MANUAL FLYER-01,REGISTRATION C;XEN,DUTCH	1	S.N.A
...3	ACCESSORY	AA68-03575G	MANUAL FLYER-01,REGISTRATION C;XEP,PORTU	1	S.N.A
...3	T0074	BN59-00517A	REMOCON;SORRENTO,TM87B,45,SORRENTO,EUROP	1	S.A
...3	ACCESSORY	BN63-01798A	CLOTH-CLEAN;RE40**,CLOTH,310,320,RHCM	1	S.N.A
...3	T0531	BN63-02366A	COVER-BOTTOM;40R71,ABS+PMMA,HB,BK23,H/GL	1	S.N.A
...3	T0238	BN68-00514C	MANUAL FLYER-WARRANTY CARD;comm,Samsung,	1	S.N.A
...3	T0511	BN68-01007Z	MANUAL USERS;LE26R73BD,SAMSUNG,Eng/Spa,S	1	S.N.A
...3	ACCESSORY	BN69-01052A	BOX ACCESSORY-00;ALL,CB-SW1,YEL,W603,D67	1	S.N.A

## 6-3 LE32R74BD Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
0		LE32R74BDX/XEF	LE32R74BD,R62C/32R70-GLY,32,LCD-TV,FRANC	0	
1	M0216	BN90-00842A	ASSY STAND;32R71,BORDEAUX	1	SNA
..2	M0013	BN96-02998A	ASSY STAND P-BASE;32R71,ABS+PMMA,HB,BK23	1	SA
...3	T0081	6002-001294	SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK)	4	SA
...3	M0081	6003-001239	SCREW-TAPTITE;FH,+,B,M4,L10,ZPC(YEL),SWR	4	SA
...3		BN61-02192A	GUIDE-STAND;26,32R71,ABS,V0,BLK	1	SNA
...3		BN61-02204A	HOLDER-SWIVEL RING;26,32R71,ACETAL,BLK	1	SNA
...3		BN61-02232A	HOLDER-SWIVEL RING;32R71,ACETAL NATUAL,T	1	SNA
...3		BN61-02233A	HOLDER-SWIVEL RING;32R71,ACETAL NATUAL,B	1	SNA
...3		BN61-02235A	BRACKET-STAND BOTTOM;BORDEAUX 32,SECC,T2	1	SNA
...3		BN61-02236A	BRACKET-HINGE SWIVEL;BORDEAUX 32,SECC,T1	1	SNA
...3	T0004	BN63-02321A	COVER-STAND BASE;32R71,ABS+PMMA,HB,BK23,	1	SNA
...3		BN63-02322A	COVER-STAND SUB;32R71,ABS+PMMA,HB,BK23,H	1	SNA
...3	T0132	BN73-00052A	RUBBER FOOT;ARES 17,SILICON,DIA 17 * T1.	8	SNA
...3	CCM1	BN63-02183D	COVER-SHEET;Rhcm,PE Vinyl,T0.05,680mm,20	0.4	SNA
...3	T0514	BN61-02367A	BRACKET-SUPPORT;BORDEAUX 32,SECC,T2.0	1	SNA
..2	T0524	6902-000241	BAG PE;NITRON/HDPE,T0.5/T0.012,W600,L600	1	SNA
1	M0002	BN90-00873A	ASSY COVER REAR;32R73,EO,CAMBRIDGE	1	SNA
..2	T0081	6002-001294	SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK)	2	SA
..2	T0081	6002-001294	SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK)	13	SA
..2	M0013	BN96-03244A	ASSY COVER P-REAR;32R73,EO,ABS+PMMA,HB,B	1	SA
...3	T0101	BN61-02032A	BRACKET-WALL;32,MGM,SECC,T1.6	2	SNA
...3	M0006	BN63-02455A	COVER-REAR;32R73,EO,ABS+PMMA,HB,BK23,H/G	1	SNA
...3	T0071	BN64-00444F	INLAY-TERMINAL;CAMBRIDGE32,37,40,PS SHEE	1	SNA
...3	CCM1	BN63-02183F	COVER-SHEET;Rhcm,PE Vinyl,T0.05,900mm,20	0.7	SNA
...3	T0064	BN65-00002A	CLAMPER CORE;BORDEAUX,PP,V0,BLK	1	SNA
1	M0001	BN90-00891B	ASSY COVER FRONT;32R74,EO,CAMBRIDGE	1	SNA
..2	T0003	BN96-03259B	ASSY COVER P-FRONT;32R74,EO,ABS+PMMA,HB,	1	SA
...3	M0081	6003-001003	SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR	1	SNA
...3	M0081	6003-001003	SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR	2	SNA
...3	M0081	6003-001003	SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR	2	SNA
...3	T0060	BN61-02432A	SPRING ETC;STS-304 SUS,D8.3,L7,T0.5	1	SNA
...3	CCM1	BN63-02183F	COVER-SHEET;Rhcm,PE Vinyl,T0.05,900mm,20	1.48	SNA
...3	M0112	BN63-02398B	COVER-FRONT;32R74,EO,ABS+PMMA,HB,BK23,S/	1	SNA
...3	T0056	BN63-02400A	COVER-DECORATION;32R72,HIPS,HB,GR503,SVM	1	SNA
...3	T0059	BN64-00379A	INDICATOR LED;ROME-II,23,PC,CLEAR	1	SNA
...3	T0061	BN64-00453A	WINDOW-REMOCON;32R71,PC,V0,VIOLET,DIFFUS	1	SNA
...3	T0054	BN64-00465A	KNOB-DECORATION;26,32,37,40R72,ABS,HB,GR	1	SNA
...3	T0023	BN64-00466A	KNOB POWER;BORDEAUX-2,26,32,40,ABS HB,G4	1	SNA
...3		BN96-03404A	ASSY BOARD P-FUNCTION&KNOB;Bordeaux,CT50	1	SNA
....4	T0022	BN64-00442A	KNOB CONTROL;26,32,40R71,PC,BLK,ACRYL CL	1	SNA
....4	M0145	BN96-03045A	ASSY BOARD P-FUNCTION;BORDEAUX,FUNCTION	1	SA
...3	M0146	BN96-03437A	ASSY BOARD P-POWER;BORDEAUX2,CT5000-4150	1	SA
..2	T0175	BN96-03266A	ASSY SPEAKER P;8ohm,Bordeaux2, 32,Left,1	1	SA
..2	T0175	BN96-03267A	ASSY SPEAKER P;8ohm,Bordeaux2, 32,Right,	1	SA
1	M0017	BN91-01006G	ASSY CHASSIS;LE32R73BDX/XEF	1	SNA
..2	T0422	BN94-00887A	ASSY PCB MISC-DTV MODULE;DTV MODULE,XEF	1	SNA
...3	T0245	0202-001522	SOLDER-WIRE FLUX;LFA3-107,-,D1 2.96.5Sn/	0.003	SNA
...3	CN902	3703-001124	CONNECTOR-BACK PANEL;32P,2R,MALE,ANGLE,A	1	SA
...3	CN902	3703-001124	CONNECTOR-BACK PANEL;32P,2R,MALE,ANGLE,A	1	SA
...3	DJ301	3709-001346	CONNECTOR-CARD SLOT;68P,0.27mm,ANGLE,AU1	1	SA
...3	DJ402	3722-001055	JACK-PHONE;5P/2C,AG,BLK,ANGLE	1	SA
...3	T0510	BN97-00843A	ASSY SMD-MAIN;DTV MODULE,XEF	1	SNA
....4	CIS05	0202-001477	SOLDER-CREAM;LST309-M,-,D20-45%-96.5Sn/	0.465	SNA
....4	DQ701	0501-000434	TR-SMALL SIGNAL;KTC3875S-GR,NPN,150mW,SO	1	SA
....4	DQ401	0501-000669	TR-SMALL SIGNAL;KTA1505Y,PNP,150mW,SOT-2	1	SA

## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	DQ402	0501-000669	TR-SMALL SIGNAL;KTA1505Y,PNP,150mW,SOT-2	1	SA
....4	DQ703	0501-000669	TR-SMALL SIGNAL;KTA1505Y,PNP,150mW,SOT-2	1	SA
....4	DQ704	0501-000669	TR-SMALL SIGNAL;KTA1505Y,PNP,150mW,SOT-2	1	SA
....4	IC104	0801-002095	IC-CMOS LOGIC;74LCX245,TRANSCEIVER,TSSOP	1	SA
....4	IC104	0801-002237	IC-CMOS LOGIC;74V(A)HC1G04,INVERTER,SC70	1	SA
....4	IC104	0801-002394	IC-CMOS LOGIC;74LCX32,OR GATE,SOIC,14P,1	1	SA
....4	IC104	0801-002407	IC-CMOS LOGIC;74LCX08,AND GATE,SOIC,14P,	1	SA
....4	IC104	0801-002683	IC-CMOS LOGIC;74HCT245,TRANSCEIVER,TSSOP	1	SA
....4	IC104	0801-002709	IC-CMOS LOGIC;74HC373,D FLIP-FLOP,TSSOP,	1	SA
....4	IC104	0801-002709	IC-CMOS LOGIC;74HC373,D FLIP-FLOP,TSSOP,	1	SA
....4	IC107	1002-001227	IC-D/A CONVERTER;CS4340-KSR,24BIT,SOP,16	1	SA
....4	DU402	1006-001165	IC-LINE TRANSCEIVER;MAX3243CDBR,SSOP,28P	1	SA
....4	IC113	1105-001305	IC-DRAM;4S641632,-,64MBIT,1MX16X4BIT,TSO	1	SA
....4	IC113	1105-001308	IC-DRAM;K4S281632,128Mbit,8Mx16,TSOP,54P	1	SA
....4	DU701	1203-001824	IC-VOL. DETECTOR;7042,SOT-89,3P,-,PLASTI	1	SA
....4	T0087	1203-002842	IC-POS.FIXED REG.;AP1117D-33A,TO-252,3P	1	SA
....4	DU101	1204-002400	IC-DECODER;ST15517SUA,PBGA,416P,27x27mm,	1	SA
....4	DR155	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	DR156	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	DR140	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	DR154	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	DR158	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	DR159	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	DR811	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	DR812	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	DR907	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	OR112	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	OR113	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	DR1102	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	DR111	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	DR116	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	DR169	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	DR170	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	DR174	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	DR176	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	DR182	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	DR183	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	DR184	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	DR185	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	DR186	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	DR187	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	DR195	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	DR196	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	DR197	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	DR198	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	DR199	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	DR202	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	DR203	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	DR204	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	DR501	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	DR902	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	DR905	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	DR906	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	DR916	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	DR917	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	DR923	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	DR104	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	DR105	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	DR1101	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	DR112	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA

[illegible]

## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	DR153	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	DR417	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	DR418	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	DR701	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	DR703	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	DR705	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	DR707	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	DR117	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	DR177	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	DR178	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	DR179	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	DR188	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	DR189	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	DR190	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	DR191	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	DR192	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	DR193	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	DR194	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	DR416	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	DR423	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	DR424	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	DR632	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	DR633	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	DR901	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	DR903	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	DR904	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	DR918	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	DR919	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	DR920	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	DR921	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	DR922	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	DR700	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	SA
....4	DR706	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	SA
....4	DR102	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	SA
....4	DR408	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	DR409	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	DR410	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	DR411	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	DR412	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	DR413	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	DR414	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	DR415	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	DR601	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	DR908	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	DR909	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	DR910	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	DR911	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	DR912	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	DR913	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	DR914	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	DR915	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	DR999	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	DR101	2007-000119	R-CHIP;560ohm,5%,1/10W,TP,1608	1	SA
....4	DR173	2007-000372	R-CHIP;130ohm,5%,1/10W,TP,1608	1	SA
....4	DR205	2007-000372	R-CHIP;130ohm,5%,1/10W,TP,1608	1	SA
....4	DR132	2007-000539	R-CHIP;200ohm,5%,1/10W,TP,1608	1	SA
....4	DR133	2007-000539	R-CHIP;200ohm,5%,1/10W,TP,1608	1	SA
....4	DR134	2007-000539	R-CHIP;200ohm,5%,1/10W,TP,1608	1	SA
....4	DR135	2007-000539	R-CHIP;200ohm,5%,1/10W,TP,1608	1	SA
....4	DR167	2007-000539	R-CHIP;200ohm,5%,1/10W,TP,1608	1	SA

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	DR800	2007-000763	R-CHIP;330ohm,1%,1/10W,TP,1608	1	SA
....4	DR801	2007-000763	R-CHIP;330ohm,1%,1/10W,TP,1608	1	SA
....4	DR802	2007-000763	R-CHIP;330ohm,1%,1/10W,TP,1608	1	SA
....4	DR803	2007-000763	R-CHIP;330ohm,1%,1/10W,TP,1608	1	SA
....4	DR804	2007-000763	R-CHIP;330ohm,1%,1/10W,TP,1608	1	SA
....4	DR805	2007-000763	R-CHIP;330ohm,1%,1/10W,TP,1608	1	SA
....4	DR806	2007-000763	R-CHIP;330ohm,1%,1/10W,TP,1608	1	SA
....4	DR807	2007-000763	R-CHIP;330ohm,1%,1/10W,TP,1608	1	SA
....4	DR420	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	SA
....4	DR421	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	SA
....4	DRA103	2011-001011	R-NET;10Kohm,5%,1/16W,L,CHIP,8P,TP,3.2x1	1	SA
....4	DRA401	2011-001011	R-NET;10Kohm,5%,1/16W,L,CHIP,8P,TP,3.2x1	1	SA
....4	DRA108	2011-001410	R-NET;120OHM,5%,1/16W,L,CHIP,8P,TP,3.2X1	1	SA
....4	DRA109	2011-001410	R-NET;120OHM,5%,1/16W,L,CHIP,8P,TP,3.2X1	1	SA
....4	DRA110	2011-001410	R-NET;120OHM,5%,1/16W,L,CHIP,8P,TP,3.2X1	1	SA
....4	DRA111	2011-001410	R-NET;120OHM,5%,1/16W,L,CHIP,8P,TP,3.2X1	1	SA
....4	DRA112	2011-001410	R-NET;120OHM,5%,1/16W,L,CHIP,8P,TP,3.2X1	1	SA
....4	DRA113	2011-001410	R-NET;120OHM,5%,1/16W,L,CHIP,8P,TP,3.2X1	1	SA
....4	DRA114	2011-001410	R-NET;120OHM,5%,1/16W,L,CHIP,8P,TP,3.2X1	1	SA
....4	DRA115	2011-001410	R-NET;120OHM,5%,1/16W,L,CHIP,8P,TP,3.2X1	1	SA
....4	DRA116	2011-001410	R-NET;120OHM,5%,1/16W,L,CHIP,8P,TP,3.2X1	1	SA
....4	DRA117	2011-001410	R-NET;120OHM,5%,1/16W,L,CHIP,8P,TP,3.2X1	1	SA
....4	DRA118	2011-001410	R-NET;120OHM,5%,1/16W,L,CHIP,8P,TP,3.2X1	1	SA
....4	DRA119	2011-001410	R-NET;120OHM,5%,1/16W,L,CHIP,8P,TP,3.2X1	1	SA
....4	DRA120	2011-001410	R-NET;120OHM,5%,1/16W,L,CHIP,8P,TP,3.2X1	1	SA
....4	DRA121	2011-001410	R-NET;120OHM,5%,1/16W,L,CHIP,8P,TP,3.2X1	1	SA
....4	DRA122	2011-001410	R-NET;120OHM,5%,1/16W,L,CHIP,8P,TP,3.2X1	1	SA
....4	DRA123	2011-001410	R-NET;120OHM,5%,1/16W,L,CHIP,8P,TP,3.2X1	1	SA
....4	DRA124	2011-001410	R-NET;120OHM,5%,1/16W,L,CHIP,8P,TP,3.2X1	1	SA
....4	DRA125	2011-001410	R-NET;120OHM,5%,1/16W,L,CHIP,8P,TP,3.2X1	1	SA
....4	DC100	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	DC102	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	DC105	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	DC107	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	DC109	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	DC111	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	DC112	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	DC114	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	DC116	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	DC118	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	DC801	2203-000659	C-CER,CHIP;0.27nF,5%,50V,C0G,1608	1	SA
....4	DC804	2203-000659	C-CER,CHIP;0.27nF,5%,50V,C0G,1608	1	SA
....4	DC807	2203-000659	C-CER,CHIP;0.27nF,5%,50V,C0G,1608	1	SA
....4	DC810	2203-000659	C-CER,CHIP;0.27nF,5%,50V,C0G,1608	1	SA
....4	DC155	2203-001630	C-CER,CHIP;330nF,+80-20%,16V,Y5V,1608	1	SA
....4	DC700	2203-001630	C-CER,CHIP;330nF,+80-20%,16V,Y5V,1608	1	SA
....4	DC701	2203-001630	C-CER,CHIP;330nF,+80-20%,16V,Y5V,1608	1	SA
....4	DC101	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	DC103	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	DC104	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	DC106	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	DC108	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	DC110	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	DC113	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	DC115	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	DC117	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	DC119	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	DC120	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	DC126	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	DC127	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA



## 6 Electrical Parts List

[illegible]



Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	DC915	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	DC916	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	DC921	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	DC922	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	DC9906	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	DC121	2402-000108	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.2m	1	SA
....4	DC122	2402-000108	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.2m	1	SA
....4	DC123	2402-000108	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.2m	1	SA
....4	DC124	2402-000108	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.2m	1	SA
....4	DC125	2402-000108	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.2m	1	SA
....4	DC602	2402-000108	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.2m	1	SA
....4	DC154	2402-001128	C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM	1	SA
....4	DC522	2402-001128	C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM	1	SA
....4	DC611	2402-001128	C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM	1	SA
....4	DC634	2402-001128	C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM	1	SA
....4	DC901	2402-001128	C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM	1	SA
....4	DC904	2402-001128	C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM	1	SA
....4	DC635	2402-001158	C-AL,SMD;1UF,20%,50V,WT,TP,4X5.2MM	1	SA
....4	DC636	2402-001158	C-AL,SMD;1UF,20%,50V,WT,TP,4X5.2MM	1	SA
....4	DC637	2402-001159	C-AL,SMD;3.3UF,20%,50V,WT,TP,4X5.2MM	1	SA
....4	DC638	2402-001159	C-AL,SMD;3.3UF,20%,50V,WT,TP,4X5.2MM	1	SA
....4	DC202	2402-001216	C-AL,SMD;470uF,20%,16V,WT,TP,10.3x10.3x1	1	SA
....4	DC613	2402-001216	C-AL,SMD;470uF,20%,16V,WT,TP,10.3x10.3x1	1	SA
....4	T0052	2703-000125	INDUCTOR-SMD;10uH,10%,2012	1	SA
....4	T0052	2703-000125	INDUCTOR-SMD;10uH,10%,2012	1	SA
....4	T0052	2703-000125	INDUCTOR-SMD;10uH,10%,2012	1	SA
....4	T0052	2703-000125	INDUCTOR-SMD;10uH,10%,2012	1	SA
....4	DX601	2806-001308	OSCILLATOR-VCXO;27MHZ,-,30PF,TP,3.3V,50M	1	SA
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	SNA
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	SNA
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	SNA
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	SNA
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	SNA
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	SNA
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	SNA
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	SNA
....4	MP1.1	BN41-00684A	PCB-DIGITAL B/D;BORDEAUX,FR-4,6L,1.0,1.6	1	SNA
....4	M0018	BN97-00805L	ASSY MICOM;T-XXXX-XXXX,DTV MODULE,XEF,20	1	SA
....5	IC115	1107-001475	IC-FLASH MEMORY;29LV320,32MBIT,4MX8/2MX1	1	SA
....4	IC104	0801-002172	IC-CMOS LOGIC;74LCX16244,BUFFER/LINE DRI	1	SA
....4	T0087	1203-003704	IC-POS.FIXED REG.;G953-18T6U,SOT-223,3P	1	SA
..2	M0014	BN94-01001B	ASSY PCB MAIN-AMZ;LE32R74BDX/*	1	SA
...3	T0245	0202-001522	SOLDER-WIRE FLUX;LFA3-107,-,D1,2,96.5Sn/	0.25	SNA
...3	JA2007	3701-001294	CONNECTOR-DSUB;15P,3R,FEMALE,STRAIGHT,AU	1	SA
...3	CN902	3703-001600	CONNECTOR-BACK PANEL;32P,2R,FEMALE,ANGLE	1	SA
...3	CN902	3703-001600	CONNECTOR-BACK PANEL;32P,2R,FEMALE,ANGLE	1	SA
...3	CN4002	3711-004484	HEADER-BOARD TO CABLE;BOX,5P,1R,2mm,STRA	1	SA
...3	CN2002_32	3711-004909	HEADER-BOARD TO CABLE;BOX,14P,2R,2MM,ANG	1	SA
...3	CN4004	3711-005606	HEADER-BOARD TO CABLE;BOX,30P,2R,2mm,STR	1	SA
...3	CN1001	3711-005942	HEADER-BOARD TO CABLE;BOX,16P,1R,2mm,STR	1	SA
...3	JA2001	3722-000498	JACK-SCART;21P,-,SN,BLK,NO	1	SA
...3	JA2005	3722-000498	JACK-SCART;21P,-,SN,BLK,NO	1	SA
...3	JA2003	3722-001061	JACK-PHONE;1P,3.6PI,AG,BLK,N	1	SA
...3	JA2006	3722-001061	JACK-PHONE;1P,3.6PI,AG,BLK,N	1	SA
...3	JA2010	3722-002360	JACK-PIN;3P,AU,GRN/BLU/RED,STRAIGHT	1	SA
...3	JA2002	3722-002362	JACK-PIN;2P,Sn,WHT/RED,STRAIGHT	1	SA
...3	JA2004	3722-002362	JACK-PIN;2P,Sn,WHT/RED,STRAIGHT	1	SA
...3	JA2009	3722-002362	JACK-PIN;2P,Sn,WHT/RED,STRAIGHT	1	SA
...3	T0562	6046-001013	STAND OFF;M3,L5,Ni PLT,SUM24L,#4-40	2	SNA
...3	CIS3	BN40-00080A	TUNER;DNOS403ZH261B(S),DNOS403ZH261B(S),	1	SA

## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
...3	T0852	BN96-01470A	ASSY BOARD P-OPTICAL;HP-P5581,OPTICAL	1	SA
....4	CN906	3707-001067	CONNECTOR-OPTICAL;PLUG,SM,-,4.4/2.0mm	1	SA
...3	T0174	BN97-01036B	ASSY SMD;LE32R74BDX/*	1	SNA
....4	CIS05	0202-001477	SOLDER-CREAM;LST309-M,-,D20-45\$,96.5Sn/	3.577	SNA
....4	D2003	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
....4	D2010	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
....4	D2011	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
....4	D2012	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
....4	D2013	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
....4	D2016	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
....4	D2017	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
....4	D2018	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
....4	D2019	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
....4	D2020	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
....4	D2021	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
....4	D2022	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
....4	D2023	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
....4	D2032	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
....4	D2033	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
....4	D2034	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
....4	D2044	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
....4	D2057	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
....4	D5001	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
....4	D5002	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
....4	D5003	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
....4	D5004	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
....4	D5005	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
....4	D5006	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
....4	D1001	0402-000553	DIODE-SCHOTTKY;"SS24,B240",40V,2000mA,DO	1	SA
....4	D1004	0402-000553	DIODE-SCHOTTKY;"SS24,B240",40V,2000mA,DO	1	SA
....4	D1008	0403-000258	DIODE-ZENER;BZX84C5V6,5.2-6V,225mW,SOT-2	1	SA
....4	D3003	0403-000258	DIODE-ZENER;BZX84C5V6,5.2-6V,225mW,SOT-2	1	SA
....4	D2001	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
....4	D2002	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
....4	D2040	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
....4	D2041	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
....4	D2042	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
....4	D2043	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
....4	D2064	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
....4	D2065	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
....4	D3006	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
....4	D3008	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
....4	D4001	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
....4	D4002	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
....4	D4003	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
....4	D4005	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
....4	D4006	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
....4	D4007	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
....4	D4008	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
....4	D4009	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
....4	D4010	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
....4	D4011	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
....4	D4012	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
....4	D2004	0403-001016	DIODE-ZENER;RLZ6.2B,5.96-6.27V,500mW,LL-	1	SA
....4	D2009	0403-001169	DIODE-ZENER;RLZ16C,15.96-16.51V,500MW,LL	1	SA
....4	D2039	0403-001169	DIODE-ZENER;RLZ16C,15.96-16.51V,500MW,LL	1	SA
....4	D2005	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D2006	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D2007	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D2008	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	D2014	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D2015	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D2024	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D2025	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D2026	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D2027	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D2028	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D2029	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D2030	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D2031	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D2035	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D2036	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D2037	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D2038	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D2051	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D2052	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D2054	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D2055	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D2056	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D1002	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	SA
....4	D1009	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	SA
....4	D3001	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	SA
....4	D3002	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	SA
....4	D3007_32	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	SA
....4	Q1007	0501-000280	TR-SMALL SIGNAL;KSA1182,PNP,150mW,SOT-23	1	SA
....4	Q1001	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q1002	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q1005	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q1006	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q1008	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q1009	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q1010	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q1011	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q1013	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q1014	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q2001	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q3001	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q3003	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q3008	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q3010	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q3011	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q4001	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q5010	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q1003	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	SA
....4	Q1004	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	SA
....4	Q5011	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	SA
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	SA
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	SA
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	SA
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	SA
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	SA
....4	Q409	0505-001170	FET-SILICON;SI9933ADY-T1,P,-20V,3.4A,0.0	1	SA
....4	IC104	0801-002095	IC-CMOS LOGIC;74LCX245,TRANSCEIVER,TSSOP	1	SA
....4	IC3002	0903-001432	IC-MICROCOMPUTER;M30840SGP,16Bit,LQFP,10	1	SA
....4	IC1003	1001-000164	IC-ANALOG MULTIPLEX;74HC4052,CMOS,SOP,16	1	SA
....4	IC1006	1001-000164	IC-ANALOG MULTIPLEX;74HC4052,CMOS,SOP,16	1	SA
....4	IC106	1001-001082	IC-VIDEO SWITCH;BA7657F,-,SOP,24P,300MIL	1	SA
....4	IC3006	1001-001109	IC-ANALOG SWITCH;FST3125M,BUS SWITCH & C	1	SA
....4	IC5005	1001-001109	IC-ANALOG SWITCH;FST3125M,BUS SWITCH & C	1	SA
....4	IC107	1002-001399	IC-D/A CONVERTER;PCM1754,24BIT,SSOP,16P,	1	SA

## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	IC110	1006-001076	IC-DRIVER/RECEIVER;MAX232CEW+T,SOP,16P,	1	SA
....4	IC112	1103-000129	IC-EEPROM;24C02,2Kbit,256x8Bit,SOP,8P,5x	1	SA
....4	IC112	1103-000129	IC-EEPROM;24C02,2Kbit,256x8Bit,SOP,8P,5x	1	SA
....4	IC112	1103-001279	IC-EEPROM;24C32,32Kbit,4Kx8Bit,SOP,8P,5x	1	SA
....4	IC5002	1105-001538	IC-VIDEO RAM;K4D263238,-,128M,4x1Mx32Bit	1	SA
....4	DU410	1201-000166	IC-OP AMP;LM358,SOP,ST,8P,150MIL,DUAL,10	1	SA
....4	T0085	1201-002136	IC-AUDIO AMP;LM4810,MSOP,8P,3x3mm,DUAL,-	1	SA
....4	T0085	1201-002246	IC-AUDIO AMP;STA323W,SO,36P,15.9x11mm,-,	1	SA
....4	IC150	1203-001009	IC-SWITCH REG.;3172,SOP,8P,244MIL,PLASTI	1	SA
....4	IC3009	1203-001559	IC-RESET;DS1834A,SOIC,8P,150MIL,PLASTIC,	1	SA
....4	T0087	1203-001815	IC-POSIFIXED REG.;78M09,TO-252,3P,-,PLA	1	SA
....4	T0087	1203-001816	IC-POSIFIXED REG.;78M08,TO-252,3P,-,PLA	1	SA
....4	IC3008_32	1203-001824	IC-VOL. DETECTOR;7042,SOT-89,3P,-,PLASTI	1	SA
....4	T0087	1203-002842	IC-POSIFIXED REG.;AP1117D-33A,TO-252,3P	1	SA
....4	T0087	1203-002842	IC-POSIFIXED REG.;AP1117D-33A,TO-252,3P	1	SA
....4	T0087	1203-002842	IC-POSIFIXED REG.;AP1117D-33A,TO-252,3P	1	SA
....4	T0087	1203-002855	IC-POSIFIXED REG.;MC33269DTRK-5.0,DPRK,	1	SA
....4	T0087	1203-002974	IC-POSIFIXED REG.;AP1117D-25A,TO-252,3P	1	SA
....4	T0170	1203-003059	IC-SWITCH VOL. REG.;MP1583,SOIC,8P,4.9x3	1	SA
....4	IC1009	1204-002464	IC-AUDIO PROCESSOR;STV8257DSX,TQFP,80P,1	1	SA
....4	IC118	1204-002503	IC-VIDEO PROCESS;SVP-PX56-7256,PQFP,256P	1	SNA
....4	R2024	2007-000040	R-CHIP;150ohm,1%,1/10W,TP,1608	1	SA
....4	R5026	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	SA
....4	R5029	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	SA
....4	R3088	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	R3100	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	R3101	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	R3102	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	R3103	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	R3104	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	R3105	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	R3106	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	R3107	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	R3130	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	R3141	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	R5013	2007-000060	R-CHIP;100Kohm,1%,1/10W,TP,1608	1	SA
....4	R1066	2007-000067	R-CHIP;15Kohm,1%,1/10W,TP,1608	1	SA
....4	R1059	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R1085	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R1086	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R1087	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R2055	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R2064	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R2069_32	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R2070_32	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R2071_32	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R2080	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R2088_32	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R2089_32	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R2090_32	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R2091_32	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3003	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3019	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3024	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3025_LVDS	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3026	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3027	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3028	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3029	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3031	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R3032	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3033	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3035	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3037	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3039	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3040	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3041	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3043	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3047_LVDS	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3089	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3090	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3117	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3118	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3132	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R4001	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R4002	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R4003	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R4012	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R4016	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R4017	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R4018	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R4019	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R4032	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R4033	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R4035	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R4051_32	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R4086_EN	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R4090	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R5012	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R5014	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R5068	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R5076	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R5084	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R5087	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R5099	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R5100	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R5101	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R5103	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R5115	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R5116	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R5117	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R5120	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R1084	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R1095	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R2050	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R2063	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R2106	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R2107	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R2108	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R2109	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R2110	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R2111	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R2112	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R2113	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R4015	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R4020	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R4093	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R5030	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R5031	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R5032	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA

## 6 Electrical Parts List

[illegible]

[illegible]



## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R4030	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
....4	R4031	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
....4	R4099	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
....4	R5091	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
....4	R5093	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
....4	R1074	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R2009	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R2016	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R3001	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R3030	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R3121	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R3138	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R3139	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R4025	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R4026	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R4027	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R4034	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R4053	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R4096	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R4103	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R5043	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R3016	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	SA
....4	R3017	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	SA
....4	R3071	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	SA
....4	R3072	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	SA
....4	R4100	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	SA
....4	R4101	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	SA
....4	R1031	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R1035	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R1058	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R1060	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R1082	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3002	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3014	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3015	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3018	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3020	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3021	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3022	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3036	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3038	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3070	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3079	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3080	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3081	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3082	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3086	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3087	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3108	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3109	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3110	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3111	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3112	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3113	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3114	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3116	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3129	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3134	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3137	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R4036	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA



Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R4037	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R4098	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R4123	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R5064	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R2028	2007-000087	R-CHIP;6.8Kohm,5%,1/10W,TP,1608	1	SA
....4	R2061	2007-000087	R-CHIP;6.8Kohm,5%,1/10W,TP,1608	1	SA
....4	R1015	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R1016	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R1038	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R1039	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R1041	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R1051	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R1067	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R1080	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R1101	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R1102	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R1103	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R1104	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R1105	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R2002	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R2003	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R2013	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R2044	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R2045	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R2057	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R2065	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R3005	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R3006	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R3007	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R3075	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R3076	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R3083	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R3084	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R3085	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R3131	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R3140	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R4118	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R4119	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R5004	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R5044	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R1070	2007-000093	R-CHIP;20Kohm,5%,1/10W,TP,1608	1	SA
....4	R1071	2007-000093	R-CHIP;20Kohm,5%,1/10W,TP,1608	1	SA
....4	R3004	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608	1	SA
....4	R5119	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608	1	SA
....4	R1062	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	SA
....4	R1068	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	SA
....4	R1075	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	SA
....4	R1079	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	SA
....4	R2010	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	SA
....4	R2011	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	SA
....4	R2012	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	SA
....4	R3099	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	SA
....4	R1001	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R1002	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R1003	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R1004	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R1005	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R1006	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R1007	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R1008	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA

## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R1019	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R1020	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R1021	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R1022	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R1023	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R1024	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R1025	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R1026	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R1027	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R1028	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R1029	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R1030	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R1043	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R1044	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R1045	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R1046	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R1034	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	SA
....4	R1064	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	SA
....4	R1065	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	SA
....4	R1069	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	SA
....4	R1072	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	SA
....4	R1073	2007-000107	R-CHIP;470Kohm,5%,1/10W,TP,1608	1	SA
....4	R4021	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	R4022	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	R4023	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	R4024	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	R1036	2007-000119	R-CHIP;560ohm,5%,1/10W,TP,1608	1	SA
....4	R1078	2007-000122	R-CHIP;1.2Kohm,5%,1/10W,TP,1608	1	SA
....4	R5053	2007-000123	R-CHIP;1.5Kohm,5%,1/10W,TP,1608	1	SA
....4	R5054	2007-000123	R-CHIP;1.5Kohm,5%,1/10W,TP,1608	1	SA
....4	R5055	2007-000123	R-CHIP;1.5Kohm,5%,1/10W,TP,1608	1	SA
....4	R1096	2007-000125	R-CHIP;3.9Kohm,5%,1/10W,TP,1608	1	SA
....4	R1076	2007-000129	R-CHIP;27Kohm,5%,1/10W,TP,1608	1	SA
....4	R5015	2007-000133	R-CHIP;330Kohm,5%,1/10W,TP,1608	1	SA
....4	R2119	2007-000287	R-CHIP;100OHM,1%,1/10W,TP,1608	1	SA
....4	R2098	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R2099	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R2100	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R2101	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R2102	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R2103	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R2104	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R2105	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R3044	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R3048	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R3049_1M	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R3050_1M	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R3056	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R3060	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R3061	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R3064	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R3066	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R3067	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R3068	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R3069	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R3091	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R3092	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R3093	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R3094	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R3095	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R3096	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R3097	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R3098	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R5045	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R5046	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R5047	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R2017	2007-000458	R-CHIP;18Kohm,5%,1/10W,TP,1608	1	SA
....4	R2052	2007-000458	R-CHIP;18Kohm,5%,1/10W,TP,1608	1	SA
....4	R3012	2007-000704	R-CHIP;3.6Kohm,5%,1/10W,TP,1608	1	SA
....4	R3013	2007-000704	R-CHIP;3.6Kohm,5%,1/10W,TP,1608	1	SA
....4	R1077	2007-000708	R-CHIP;3.9Kohm,1%,1/10W,TP,1608	1	SA
....4	R4122	2007-000903	R-CHIP;430ohm,1%,1/10W,TP,1608	1	SA
....4	R2019	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R2020	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R2021	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R2066	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R2067	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R2076	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R2078	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R2082	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R2083	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R2094	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R2095	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R5035	2007-001014	R-CHIP;51OHM,5%,1/10W,TP,1608	1	SA
....4	R5039	2007-001014	R-CHIP;51OHM,5%,1/10W,TP,1608	1	SA
....4	R2030	2007-001131	R-CHIP;68ohm,1%,1/10W,TP,1608	1	SA
....4	R2056	2007-001131	R-CHIP;68ohm,1%,1/10W,TP,1608	1	SA
....4	R2014	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R2015	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R2025	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R2026	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R2027	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R2032	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R2062	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R2085	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R2086	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R2087	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R2036	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	SA
....4	R2038	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	SA
....4	R2041	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	SA
....4	R2046	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	SA
....4	R2047	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	SA
....4	R2048	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	SA
....4	R2054	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	SA
....4	R2059	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	SA
....4	R5016	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	SA
....4	R1057	2007-007299	R-CHIP;6.81Kohm,1%,1/10W,TP,1608	1	SA
....4	R2118	2007-007733	R-CHIP;51ohm,1%,1/10W,TP,1608	1	SA
....4	R1083	2007-008720	R-CHIP;4.7ohm,1%,1/4W,TP,3216	1	SA
....4	R1088	2007-008720	R-CHIP;4.7ohm,1%,1/4W,TP,3216	1	SA
....4	R1094	2007-008720	R-CHIP;4.7ohm,1%,1/4W,TP,3216	1	SA
....4	R1097	2007-008720	R-CHIP;4.7ohm,1%,1/4W,TP,3216	1	SA
....4	RA5001	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	RA5002	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	RA5003	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	RA5004	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	RA5005	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	RA5006	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	RA5007	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	RA5010	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA

## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	RA3004	2011-000651	R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA3005	2011-000651	R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA3007	2011-000651	R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA3008	2011-000651	R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA3009	2011-000651	R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA3011	2011-000651	R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA3001	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA3002	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA3003	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA3006	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA3010	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA3012	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA3013	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA3014	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA3015	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA3016	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA3017	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA3018	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA3019	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA3020	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA4001	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA4002	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	C1158	2203-000125	C-CER,CHIP;1.2nF,10%,50V,X7R,TP,1608,-	1	SA
....4	C1037	2203-000140	C-CER,CHIP;1.5nF,10%,50V,X7R,1608	1	SA
....4	C1062	2203-000140	C-CER,CHIP;1.5nF,10%,50V,X7R,1608	1	SA
....4	C1004	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C1006	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C1008	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C1016	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C1021	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C1025	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C1027	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C1043	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C1046	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C1052	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C1053	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C1054	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C1055	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C1075	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C1084	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C1086	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C1087	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C1097	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C1098	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C1103	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C1105	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C1109	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C1124	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C1132	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C1133	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C1141	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C1159	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C1168	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C2002	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C2018	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C3001	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C3005	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C3034	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C4016	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C4017	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA

[illegible]

## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C1163	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C2003	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C2004	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C2005	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C2006	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C2007	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C2011	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C2012	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C2013	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C2014	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C2019	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C2020	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C2022_DE	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C2023	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C2024	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C2025	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C2027	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C2028	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C2032	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C3024	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C3025	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C5059	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C5068	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C5069	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C5084	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C5085	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C1002	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C1005	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C1013	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C1022	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C1026	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C1034	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C1049	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C1094	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C3035	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C4005	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C4006	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C4007	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C4008	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C4009	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C4124	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C5006	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C5007	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C5008	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C5009	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C5010	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C5017	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C5036	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C5040	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C5061	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C5062	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C5064	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C1110	2203-000426	C-CER,CHIP;0.018nF,5%,50V,C0G,1608	1	SA
....4	C1121	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C3002	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C3003	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C3007	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C3020	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C3021	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C3029	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C4119	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C5087	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C4058	2203-000531	C-CER,CHIP;2.7nF,10%,50V,X7R,1608	1	SA
....4	C4066	2203-000531	C-CER,CHIP;2.7nF,10%,50V,X7R,1608	1	SA
....4	C4001	2203-000552	C-CER,CHIP;0.02nF,5%,50V,C0G,1608	1	SA
....4	C4011	2203-000552	C-CER,CHIP;0.02nF,5%,50V,C0G,1608	1	SA
....4	C1070	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	SA
....4	C1082	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	SA
....4	C3012	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	SA
....4	C3013	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	SA
....4	C3030	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	SA
....4	C3031	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	SA
....4	C1111	2203-000715	C-CER,CHIP;3.3nF,10%,50V,X7R,1608	1	SA
....4	C1142	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	SA
....4	C1152	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	SA
....4	C2009	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	SA
....4	C2010	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	SA
....4	C2015	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	SA
....4	C2016	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	SA
....4	C2026	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	SA
....4	C5076	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	SA
....4	C5077	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	SA
....4	C1100	2203-000798	C-CER,CHIP;33nF,10%,16V,X7R,TP,1608,-	1	SA
....4	C1101	2203-000798	C-CER,CHIP;33nF,10%,16V,X7R,TP,1608,-	1	SA
....4	C2029	2203-000815	C-CER,CHIP;0.033nF,5%,50V,C0G,1608	1	SA
....4	C2030	2203-000815	C-CER,CHIP;0.033nF,5%,50V,C0G,1608	1	SA
....4	C2031	2203-000815	C-CER,CHIP;0.033nF,5%,50V,C0G,1608	1	SA
....4	C5056	2203-000815	C-CER,CHIP;0.033nF,5%,50V,C0G,1608	1	SA
....4	C5057	2203-000815	C-CER,CHIP;0.033nF,5%,50V,C0G,1608	1	SA
....4	C5058	2203-000815	C-CER,CHIP;0.033nF,5%,50V,C0G,1608	1	SA
....4	C1119	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	SA
....4	C1120	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	SA
....4	C4003	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	SA
....4	C4004	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	SA
....4	C5003	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	SA
....4	C5004	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	SA
....4	C1063	2203-000972	C-CER,CHIP;47nF,10%,16V,X7R,1608	1	SA
....4	C2008	2203-000998	C-CER,CHIP;0.047nF,5%,50V,C0G,1608	1	SA
....4	C2021	2203-000998	C-CER,CHIP;0.047nF,5%,50V,C0G,1608	1	SA
....4	C5063	2203-000998	C-CER,CHIP;0.047nF,5%,50V,C0G,1608	1	SA
....4	C1056	2203-001402	C-CER,CHIP;220nF,+80-20%,16V,Y5V,TP,1608	1	SA
....4	C1164	2203-001607	C-CER,CHIP;0.22nF,5%,50V,NP0,1608	1	SA
....4	C1114	2203-001652	C-CER,CHIP;470nF,+80-20%,16V,Y5V,1608	1	SA
....4	C1116	2203-001652	C-CER,CHIP;470nF,+80-20%,16V,Y5V,1608	1	SA
....4	C1038	2203-001656	C-CER,CHIP;0.47nF,5%,50V,NP0,1608	1	SA
....4	C1061	2203-001656	C-CER,CHIP;0.47nF,5%,50V,NP0,1608	1	SA
....4	C3039	2203-001656	C-CER,CHIP;0.47nF,5%,50V,NP0,1608	1	SA
....4	C1117	2203-001724	C-CER,CHIP;4700nF,+80-20%,16V,Y5V,3216	1	SA
....4	C1003	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C1011	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C1032	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C1039	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C1066	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C1068	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C1071	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C1072	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C1073	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C1074	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C1078	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C1079	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA



## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C1093	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C1104	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C1108	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C1129	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C1130	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C1148	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C1169	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C1171	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C1173	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C3009	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C3010	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C3014	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C3015	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C3016	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C3018	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C3019	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C3022	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C3026	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C3027	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C3032	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C3037	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C3040	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C3042	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C3044	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C3046	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C3047	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C3049	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C4002	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C4125	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C4126	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C4129	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C5001	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C5002	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C5011	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C5012	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C5021	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C5023	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C5039	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C5054	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C1143	2203-005030	C-CER,CHIP;470nF,+80-20%,50V,Y5V,TP,3216	1	SA
....4	C1153	2203-005030	C-CER,CHIP;470nF,+80-20%,50V,Y5V,TP,3216	1	SA
....4	C1031	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	SA
....4	C1040	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	SA
....4	C1155	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	SA
....4	C2038	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	SA
....4	C3023	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	SA
....4	C3033	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	SA
....4	C4117	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	SA
....4	C4118	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	SA
....4	C1122	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C1131	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C1137	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C1138	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C1140	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C1144	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C1145	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C1146	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C1147	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C1149	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C1150	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA



Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C1154	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C1156	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C1157	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C1160	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C1166	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C4014	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C4015	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C4024	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C4033	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C4037	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C4044	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C4050	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C4065	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C4074	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C4075	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C4078	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C4079	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C4087	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C4088	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C4089	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C4090	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C4091	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C4092	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C4093	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C4094	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C1001	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1012	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1014	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1017	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1018	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1019	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1020	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1023	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1024	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1030	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1033	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1035	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1041	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1044	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1045	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1047	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1048	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1051	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1058	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1060	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1065	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1076	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1080	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1081	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1083	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1085	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1088	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1089	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1090	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1091	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1092	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1096	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1099	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1126	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1136	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA

## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C1172	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C3017	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C4057	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C4064	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C4072	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C4082	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C4122	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C5083	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C5086	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C2001	2402-000108	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.2m	1	SA
....4	C5037	2402-000108	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.2m	1	SA
....4	C5041	2402-000108	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.2m	1	SA
....4	C5024	2402-000179	C-AL,SMD;47uF,20%,16V,GP,TP,6.6x6.6x5.7m	1	SA
....4	C4012	2402-001059	C-AL,SMD;220UF,20%,6.3V,-,TP,6X6.6X6.6	1	SA
....4	C4013	2402-001059	C-AL,SMD;220UF,20%,6.3V,-,TP,6X6.6X6.6	1	SA
....4	C1102	2402-001081	C-AL,SMD;100uF,20%,25V,WT,TP,8.3x8.3x10	1	SA
....4	C1125	2402-001083	C-AL,SMD;100uF,20%,50V,GP,TP,10x10.3x10mm	1	SA
....4	C5032	2402-001097	C-AL,SMD;0.1UF,20%,50V,WT,TP,4.3X4.3X5.2	1	SA
....4	C5033	2402-001097	C-AL,SMD;0.1UF,20%,50V,WT,TP,4.3X4.3X5.2	1	SA
....4	C1009	2402-001128	C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM	1	SA
....4	C1010	2402-001128	C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM	1	SA
....4	C1015	2402-001128	C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM	1	SA
....4	C1029	2402-001128	C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM	1	SA
....4	C1036	2402-001128	C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM	1	SA
....4	C1042	2402-001128	C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM	1	SA
....4	C1059	2402-001128	C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM	1	SA
....4	C1112	2402-001128	C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM	1	SA
....4	C1113	2402-001128	C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM	1	SA
....4	C1115	2402-001128	C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM	1	SA
....4	C1123	2402-001128	C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM	1	SA
....4	C1007	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	SA
....4	C1028	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	SA
....4	C1064	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	SA
....4	C1069	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	SA
....4	C1107	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	SA
....4	C3036	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	SA
....4	C3038	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	SA
....4	C4010	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	SA
....4	C5042	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	SA
....4	C1106	2402-001160	C-AL,SMD;330UF,20%,16V,WT,TP,1008	1	SA
....4	C1077	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	SA
....4	C1139	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	SA
....4	C2017	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	SA
....4	C3004	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	SA
....4	C3006	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	SA
....4	C3008	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	SA
....4	C3011	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	SA
....4	C3028	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	SA
....4	C3041	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	SA
....4	C3043	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	SA
....4	C3045	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	SA
....4	C3048	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	SA
....4	C3050	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	SA
....4	C3051	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	SA
....4	C1057	2402-001183	C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM	1	SA
....4	C1128	2402-001183	C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM	1	SA
....4	C1167	2402-001183	C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM	1	SA
....4	C1170	2402-001183	C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM	1	SA
....4	C4123	2402-001183	C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM	1	SA
....4	C5005	2402-001183	C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM	1	SA

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C5016	2402-001183	C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM	1	SA
....4	C1127	2402-001221	C-AL,SMD;470UF,20%,16V,-,TP,A8.3XB8.3XL1	1	SA
....4	C1165	2402-001221	C-AL,SMD;470UF,20%,16V,-,TP,A8.3XB8.3XL1	1	SA
....4	C4030	2402-001226	C-AL,SMD;4.7UF,20%,35V,HR,TP,4.3X4.3X5.8	1	SA
....4	C4047	2402-001226	C-AL,SMD;4.7UF,20%,35V,HR,TP,4.3X4.3X5.8	1	SA
....4	C4051	2402-001226	C-AL,SMD;4.7UF,20%,35V,HR,TP,4.3X4.3X5.8	1	SA
....4	C4127	2402-001226	C-AL,SMD;4.7UF,20%,35V,HR,TP,4.3X4.3X5.8	1	SA
....4	C5078	2402-001257	C-AL,SMD;470uF,20%,16V,-,TP,8.3*10	1	SA
....4	C5079	2402-001257	C-AL,SMD;470uF,20%,16V,-,TP,8.3*10	1	SA
....4	C5080	2402-001257	C-AL,SMD;470uF,20%,16V,-,TP,8.3*10	1	SA
....4	C1095	2409-001029	C-ORGANIC;120uF,20%,6.3V,WT,TP,10.3x10.3	1	SA
....4	T0052	2703-000274	INDUCTOR-SMD;2.2uH,10%,2012	1	SA
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	SA
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	SA
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	SA
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	SA
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	SA
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	SA
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	SA
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	SA
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	SA
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	SA
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	SA
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	SA
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	SA
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	SA
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	SA
....4	T0052	2703-001229	INDUCTOR-SMD;2.2uH,10%,1608	1	SA
....4	T0052	2703-001229	INDUCTOR-SMD;2.2uH,10%,1608	1	SA
....4	T0052	2703-001229	INDUCTOR-SMD;2.2uH,10%,1608	1	SA
....4	T0052	2703-001229	INDUCTOR-SMD;2.2uH,10%,1608	1	SA
....4	T0052	2703-001229	INDUCTOR-SMD;2.2uH,10%,1608	1	SA
....4	T0052	2703-001229	INDUCTOR-SMD;2.2uH,10%,1608	1	SA
....4	T0052	2703-001229	INDUCTOR-SMD;2.2uH,10%,1608	1	SA
....4	T0052	2703-001778	INDUCTOR-SMD;3.3uH,20%,3225	1	SA
....4	T0052	2703-002722	INDUCTOR-SMD;22uH,20%,12x12mm	1	SA
....4	T0052	2703-002915	INDUCTOR-SMD;22uH,20%,8080	1	SA
....4	T0052	2703-002915	INDUCTOR-SMD;22uH,20%,8080	1	SA
....4	T0052	2703-002915	INDUCTOR-SMD;22uH,20%,8080	1	SA
....4	T0052	2703-002915	INDUCTOR-SMD;22uH,20%,8080	1	SA
....4	X3002	2801-003326	CRYSTAL-SMD;24MHZ,30PPM,28-ABX,20PF,500H	1	SA
....4	X3001	2801-003923	CRYSTAL-SMD;10MHZ,30ppm,28-AAN,20pF,60oh	1	SA
....4	X1001	2801-003954	CRYSTAL-SMD;27MHZ,30ppm,28-AAN,16pF,50oh	1	SA
....4	X4001	2801-004483	CRYSTAL-SMD;28.322MHz,30ppm,HC-49,20pF,5	1	SA
....4	F103	2901-001114	FILTER-EMI SMD;25VDC,2.0ADC,-,100nF,3.2x	1	SA
....4	T0568	3301-000314	BEAD-SMD;120ohm,1.6x0.8x0.8mm,-,-,-	1	SNA
....4	T0568	3301-000314	BEAD-SMD;120ohm,1.6x0.8x0.8mm,-,-,-	1	SNA
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	SNA
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	SNA
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	SNA
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	SNA
....4	T0568	3301-001236	BEAD-SMD;60ohm,1608,-,-,-	1	SNA
....4	T0568	3301-001236	BEAD-SMD;60ohm,1608,-,-,-	1	SNA
....4	T0568	3301-001236	BEAD-SMD;60ohm,1608,-,-,-	1	SNA
....4	T0568	3301-001236	BEAD-SMD;60ohm,1608,-,-,-	1	SNA
....4	T0568	3301-001236	BEAD-SMD;60ohm,1608,-,-,-	1	SNA
....4	T0568	3301-001236	BEAD-SMD;60ohm,1608,-,-,-	1	SNA
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,0.1ohm	1	SA
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,0.1ohm	1	SA
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,0.1ohm	1	SA
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,0.1ohm	1	SA

## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	SA
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	SA
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	SA
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	SA
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	SA
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	SA
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	SA
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	SA
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	SA
....4	T0568	3301-001393	BEAD-SMD;60ohm,3216,1500mA,TP,41ohm/40MH	1	SNA
....4	T0568	3301-001404	BEAD-SMD;30ohm,2012,TP,-,-	1	SA
....4	T0568	3301-001404	BEAD-SMD;30ohm,2012,TP,-,-	1	SA
....4	T0568	3301-001404	BEAD-SMD;30ohm,2012,TP,-,-	1	SA
....4	T0568	3301-001404	BEAD-SMD;30ohm,2012,TP,-,-	1	SA
....4	T0568	3301-001404	BEAD-SMD;30ohm,2012,TP,-,-	1	SA
....4	T0568	3301-001404	BEAD-SMD;30ohm,2012,TP,-,-	1	SA
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	SNA
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	SNA
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	SNA
....4	CN2001	3701-001311	CONNECTOR-HDMI;21P,2R,FEMALE,SMD-S,AU30U	1	SA
....4	CN1003	3711-005291	HEADER-BOARD TO CABLE;BOX,2P,1R,2MM,SMD-	1	SA
....4	CN1002	3711-005292	HEADER-BOARD TO CABLE;BOX,3P,1R,2MM,SMD-	1	SA
....4	CN5001	3711-005497	HEADER-BOARD TO CABLE;BOX,15P,1R,1.25MM,	1	SA
....4	L1012	BN27-00007A	COIL CHOKE-SMD;DHB0504-100,RB15/17NS,10u	1	SA
....4	T0077	BN41-00700B	PCB MAIN;CAMBRIDGE,FR-4,4,MP2.0,1.6T,192	1	SNA
....4	M0018	BN97-00805F	ASSY MICOM;T-BRDMPEUD-1011,LE32R73BDX/XE	1	SA
....5	IC115	1107-001555	IC-FLASH MEMORY;49BV802A,8MBIT,1MX8/512K	1	SA
....4	M0018	BN97-00805G	ASSY MICOM;T-XXXX-XXXX,LE32R73BDX/XEU24C	1	SA
....5	IC520	0903-001389	IC-MICROCONTROLLER;S3F866B,8Bit,QFP,44P,	1	SNA
1		BN91-01017F	ASSY LCD-SPB;LE32R71B,32",BORDEAUX,AM LC	1	SNA
..2	M0215	BN07-00247A	LCD-PANEL;LTA320WT-L14,-,8BIT,760*450*50	1	SA
1	M0045	BN92-01661M	ASSY ACCESSORY;LE26R73BDX/XEF	1	SNA
..2	M0045	BN96-02984M	ASSY ACCESSORY;LE26R73BDX/XEF	1	SA
...3	T0268	3903-000145	CBF-POWER CORD;DT,EU,FP3,YES,U(IEC C13-R	1	SA
...3	T0524	6902-000110	BAG PE;LDPE,T0.05,W250,L400,TRP,28,2	2	SNA
...3	ACCESSORY	AA68-03242E	MANUAL FLYER-01,SAFETY GUIDE;All Model,S	1	SNA
...3	ACCESSORY	AA68-03575C	MANUAL FLYER-01,REGISTRATION C;XEF,FRENC	1	SNA
...3	T0074	BN59-00516A	REMOCON;CAMBRIDGE,TM87B,45,CAMBRIDGE,EUR	1	SA
...3	ACCESSORY	BN63-01798A	CLOTH-CLEAN;RE40*",CLOTH,310,320,RHCM	1	SNA
...3	T0531	BN63-02323A	COVER-BOTTOM;23,26,32R71,ABS+PMMA,HB,BK2	1	SNA
...3	ACCESSORY	BN68-00514A	MANUAL FLYER-04,WARRANTY CARD;PDP/LCD TV	1	SNA
...3	T0059	BN68-00895A	MANUAL FLYER-CARD;COMM,SAMSUNG,W/P 5G,PR	1	SNA
...3	T0059	BN68-00907A	MANUAL FLYER-CARD;COMM,SAMSUNG,18 LANG,E	1	SNA
...3	T0511	BN68-01007C	MANUAL USERS;COMM,SAMSUNG,Eng/Fre,France	1	SNA
...3	ACCESSORY	BN69-01086A	BOX ACCESSORY-00;COMM,SW1,YEL,-,W573,D63	1	SNA
...3	M0045	BN96-01800A	ASSY ACCESSORY;ROME32,SCREW	1	SA
....4	T0081	6002-001294	SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK)	4	SA
....4	ACCESSORY	6902-000128	BAG ZIPPER;LDPE,T0.05,W200,L150,TRP,8,2-	1	SNA
1	M0113	BN92-01664A	ASSY P/MATERIAL;32R71,BORDEAUX	1	SNA
..2	T0376	6902-000061	BAG AIR;LDPE,T0.2,L1000,W500,TRP,,,	0.035	SNA
..2	T0376	6902-000379	BAG AIR;LDPE,T0.2,W1000,L1800,TRP,-,-	0.006	SNA
..2	T0081	6902-000604	BAG WRAPPING;LDPE,T0.02,W500,L10000,TRP,	6.45	SNA
..2	T0524	6902-000715	BAG PE;HDPE/NITRON,T0.015/T0.5,W1000,L10	1	SNA
1	M0003	BN92-01708C	ASSY BOX;32R74,EQ(XEF,XEG),CAMBRIDGE-2	1	SNA
..2		BN69-01345C	BOX-01,SET;32R74,DY-01,AB,YEL,A1,IDTV(GE	1.02	SNA

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
1	M0112	BN91-01007Y	ASSY SHIELD;32R74,AMLCD	1	SNA
..2	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	2	SNA
..2	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	4	SNA
..2	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	6	SNA
..2	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	3	SNA
..2	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	2	SNA
..2	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	1	SNA
..2	M0081	6003-001003	SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR	2	SNA
..2	M0081	6003-001003	SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR	2	SNA
..2	M0081	6003-001003	SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR	8	SNA
..2	M0081	6003-001003	SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR	2	SNA
..2	M0081	6003-001003	SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR	1	SNA
..2	M0081	6003-001003	SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR	1	SNA
..2	T0081	6006-000245	SCREW-MACHINE;WSP,PH,+,M4,L8,ZPC(YEL),SW	4	SNA
..2	T0081	6006-000245	SCREW-MACHINE;WSP,PH,+,M4,L8,ZPC(YEL),SW	1	SNA
..2	M2893	BH39-00362G	LEAD CONNECTOR;SONOMA,UL1007#26,5PIN,100	1	SA
..2	M2893	BN39-00603M	LEAD CONNECTOR;LE40R73BDX,UL1007#26,14P,	1	SA
..2	T0076	BN39-00615D	CBF HARNESS;BORDEAUX,1617#22,3P,1P,RING,	1	SA
..2	M2893	BN39-00691A	LEAD CONNECTOR;Torino-32,UL1007#26,16P,1	1	SA
..2	M2893	BN39-00712C	LEAD CONNECTOR-LVDS;Bordeaux,UL1571#30,3	1	SA
..2		BN61-02196A	BRACKET-PANEL SIDE;Bordeaux 32,SECC,T1.2	1	SNA
..2		BN61-02197A	BRACKET-PANEL SIDE;Bordeaux 32,SECC,T1.2	1	SNA
..2		BN61-02201A	BRACKET-STAND LINK;Bordeaux 32,SECC,T1.6	1	SNA
..2	M0114	BN61-02500A	HOLDER-WIRE;NYLON6.6,NATURAL	2	SNA
..2	M0146	BN63-02462A	SHIELD CASE;CAMBRIDGE 32,SECC,T0.8,UK	1	SNA
..2		BN96-03006A	ASSY BOARD P-HOLDER AV;32R71,EO,ABS+PMMA	1	SNA
...3		BN61-02193A	HOLDER-SIDE AV;32R71,EO,KO,SO,ABS+PMMA,H	1	SNA
...3	T0578	BN64-00454A	INLAY AV;BORDEAUX,PS SHEET,T0.3,-,-,EO	1	SNA
...3	M0020	BN96-02439A	ASSY BOARD P-SUB AV SIDE;MILANO,CT5000-3	1	SA
...3	M2893	BN39-00672A	LEAD CONNECTOR;LNR329DX/XAA,UL2835#28,UL	1	SA
..2	T0159	BN96-03057A	ASSY PCB P-SMPS;Bordeaux 32 PFC,LE32R71B	1	SA
..2	T0447	BN96-03440A	ASSY BRACKET P-PANEL;32,SECC,BUILT-IN	1	SNA
...3	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	2	SNA
...3	M0146	BN61-02194A	BRACKET-PANEL TOP;Bordeaux 32,SECC,T1.2	1	SNA
...3		BN61-02195A	BRACKET-PANEL BOTTOM;Bordeaux 32,SECC,T1	1	SNA
...3		BN61-02198A	BRACKET-GUIDE MAIN;Bordeaux 32,SECC,T1.2	1	SNA
...3		BN61-02199A	BRACKET-GUIDE POWER;Bordeaux 32,SECC,T1.	1	SNA
...3		BN61-02200A	BRACKET-GUIDE POWER;Bordeaux 32,SECC,T1.	1	SNA
...3	T0514	BN61-02393A	BRACKET-SUPPORT;CAMBRIDGE 32,SECC,T1.2	1	SNA
...3	M0131	AA63-01437A	GASKET;Bordeaux,Conductive Fabric,20mm,9	1	SNA
...3	M0131	AA63-01438A	GASKET;Bordeaux,Conductive Fabric,7mm,8m	1	SNA
...3	M0131	AA63-01447A	GASKET;Cambridge,Conductive Fabric,20mm,	1	SNA
..2		BN96-03590A	ASSY SHIELD P-PCB MAIN;CAMBRIDGE32,SECC	1	SNA
...3	T0603	BN63-02458A	SHIELD-PCB MAIN;CAMBRIDGE 32,SECC,T0.5,U	1	SNA
...3	M0131	BN63-02627A	GASKET;Oxford,Conductive Fabric,8,13,30,	1	SNA
1	M0019	BN92-01801R	ASSY LABEL;LE40R73BD,LE32R73BDX/XEF	1	SNA

## 6 Electrical Parts List

### 6-4 LE37R74BD Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
0		LE32R74BDX/XEC	LE32R74BD,R62F/32R72-GST,32,LCD-TV,SPAIN	0	S.A
0.1	M0216	BN90-00842A	ASSY STAND;32R71,BORDEAUX	1	S.N.A
...2	M0013	BN96-02998A	ASSY STAND P-BASE;32R71,-,ABS+PMMA,HB,BK	1	S.A
...3	T0081	6002-001294	SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK)	4	S.A
...3	M0081	6003-001239	SCREW-TAPTITE;FH,+,B,M4,L10,ZPC(YEL),SWR	4	S.A
...3	T0920	BN61-02192A	GUIDE-STAND;26,32R71,ABS,V0,BLK	1	S.A
...4	T0514	BN61-02367A	BRACKET-SUPPORT;BORDEAUX 32,SECC,T2.0	1	S.N.A
...3		BN61-02204A	HOLDER-SWIVEL RING;26,32R71,ACETAL,BLK	1	S.N.A
...3		BN61-02232A	HOLDER-SWIVEL RING;32R71,ACETAL NATUAL,T	1	S.N.A
...3		BN61-02233A	HOLDER-SWIVEL RING;32R71,ACETAL NATUAL,B	1	S.N.A
...3		BN61-02235A	BRACKET-STAND BOTTOM;BORDEAUX 32,SECC,T2	1	S.N.A
...3		BN61-02236A	BRACKET-HINGE SWIVEL;BORDEAUX 32,SECC,T1	1	S.N.A
...3	T0004	BN63-02321A	COVER-STAND BASE;32R71,ABS+PMMA,-,-,HB	1	S.N.A
...3		BN63-02322A	COVER-STAND SUB;32R71,ABS+PMMA,HB,BK23,H	1	S.N.A
...3	T0132	BN73-00052A	RUBBER FOOT;ARES 17,SILICON,DIA 17 * T1.	8	S.N.A
...3	CCM1	BN63-02183D	COVER-SHEET;Rhcm,PE Vinyl,T0.05,680mm,20	0.4	S.N.A
...2	T0524	6902-000520	BAG PE;HDPE/NITRON(DOUBLE),T0.015/T0.5(D	1	S.N.A
0.1	M0002	BN90-00873B	ASSY COVER REAR;32R73,EO(XET),CAMBRIDGE	1	S.N.A
...2	T0081	6002-001294	SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK)	2	S.A
...2	T0081	6002-001294	SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK)	13	S.A
...2	M0013	BN96-03244B	ASSY COVER P-REAR;32R73,EO(XET),ABS+PMMA	1	S.A
...3	M0006	BN63-02455B	COVER-REAR;32R73,EO(XET),ABS+PMMA,HB,BK2	1	S.N.A
...3	T0071	BN64-00444F	INLAY-TERMINAL;CAMBRIDGE32,37,40,PS SHEE	1	S.N.A
...3	CCM1	BN63-02183F	COVER-SHEET;Rhcm,PE Vinyl,T0.05,900mm,20	0.7	S.N.A
...3	T0064	BN65-00002A	CLAMPER CORE;BORDEAUX,PP,V0,BLK	1	S.N.A
...3		BN61-02776A	HOLDER-WALL;32R7,ABS,HB,BLK	2	S.N.A
0.1	M0001	BN90-00891B	ASSY COVER FRONT;32R74,EO,CAMBRIDGE	1	S.N.A
...2	T0003	BN96-03259B	ASSY COVER P-FRONT;32R74,EO,ABS+PMMA,HB,	1	S.A
...3	T0060	BN61-02432A	SPRING ETC;STS-304 SUS,D8.3,L7,T0.5	1	S.N.A
...3	CCM1	BN63-02183F	COVER-SHEET;Rhcm,PE Vinyl,T0.05,900mm,20	1.48	S.N.A
...3	M0112	BN63-02398B	COVER-FRONT;32R74,EO,ABS+PMMA,HB,BK23,S/	1	S.N.A
...3	T0056	BN63-02400A	COVER-DECORATION;32R72,HIPS,HB,GR503,SVM	1	S.N.A
...3	T0059	BN64-00379A	INDICATOR LED;ROME-II,23,PC,CLEAR	1	S.N.A
...3	T0061	BN64-00453A	WINDOW-REMOCON;32R71,PC,V0,VIOLET,DIFFUS	1	S.N.A
...3	T0054	BN64-00465A	KNOB-DECORATION;26,32,37,40R72,ABS,HB,GR	1	S.N.A
...3	T0023	BN64-00466A	KNOB POWER;BORDEAUX-2,26,32,40,ABS HB,G4	1	S.N.A
...3	M0145	BN96-03404A	ASSY BOARD P-FUNCTION&KNOB;Bordeaux,CT50	1	S.A
...4	T0022	BN64-00442A	KNOB CONTROL;26,32,40R71,PC,BLK,ACRYL CL	1	S.N.A
...4	M0145	BN96-03045A	ASSY BOARD P-FUNCTION;BORDEAUX,FUNCTION	1	S.A
...3	M0146	BN96-03437A	ASSY BOARD P-POWER;BORDEAUX2,CT5000-4150	1	S.A
...3	M0081	6003-001188	SCREW-TAPTITE;BH,+,B,M4,L10,YEL,SWRCH18A	1	S.N.A
...3	M0081	6003-001188	SCREW-TAPTITE;BH,+,B,M4,L10,YEL,SWRCH18A	2	S.N.A
...3	M0081	6003-001188	SCREW-TAPTITE;BH,+,B,M4,L10,YEL,SWRCH18A	2	S.N.A
...2	T0175	BN96-03266A	ASSY SPEAKER P;8ohm,Bordeuax2, 32,Left,1	1	S.A
...2	T0175	BN96-03267A	ASSY SPEAKER P;8ohm,Bordeuax2, 32,Right,	1	S.A
0.1	M0017	BN91-01006W	ASSY CHASSIS;LE32R74BDX/XEC	1	S.N.A
...2	M0014	BN94-01064C	ASSY PCB MAIN;LE32S73BDXXET	1	S.A
...3	T0245	0202-001492	SOLDER-WIRE FLUX;HSE-02 LFM48 SR-34 S,-,	0.25	S.N.A
...3	JA2007	3701-001294	CONNECTOR-DSUB;15P,3R,FEMALE,STRAIGHT,AU	1	S.A
...3	CN902	3703-001600	CONNECTOR-BACK PANEL;32P,2R,FEMALE,ANGLE	1	S.A
...3	CN902	3703-001600	CONNECTOR-BACK PANEL;32P,2R,FEMALE,ANGLE	1	S.A
...3	CN330	3711-004484	HEADER-BOARD TO CABLE;BOX,5P,1R,2mm,STRA	1	S.A
...3	CN330	3711-004909	HEADER-BOARD TO CABLE;BOX,14P,2R,2MM,ANG	1	S.A
...3	CN330	3711-005606	HEADER-BOARD TO CABLE;BOX,30P,2R,2mm,STR	1	S.A
...3	CN330	3711-005942	HEADER-BOARD TO CABLE;BOX,16P,1R,2mm,STR	1	S.A
...3	JA2001	3722-000498	JACK-SCART;21P,-,SN,BLK,NO	1	S.A



Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
...3	JA2005	3722-000498	JACK-SCART;21P,-,SN,BLK,NO	1	S.A
...3	JA330	3722-001061	JACK-PHONE;1P,3.6PI,AG,BLK,N	1	S.A
...3	JA330	3722-001061	JACK-PHONE;1P,3.6PI,AG,BLK,N	1	S.A
...3	JA333	3722-002360	JACK-PIN;3P,AU,GRN/BLU/RED,STRAIGHT	1	S.A
...3	JA333	3722-002362	JACK-PIN;2P,Sn,WHT/RED,STRAIGHT	1	S.A
...3	JA333	3722-002362	JACK-PIN;2P,Sn,WHT/RED,STRAIGHT	1	S.A
...3	JA333	3722-002362	JACK-PIN;2P,Sn,WHT/RED,STRAIGHT	1	S.A
...3	T0562	6046-001013	STAND OFF;M3,L5,Ni PLT,SUM24L,#4-40	2	S.N.A
...3	CIS3	BN40-00080A	TUNER;DNOS403ZH261B(S),DNOS403ZH261B(S),	1	S.A
...3	T0852	BN96-01470A	ASSY BOARD P-OPTICAL;HP-P5581,OPTICAL	1	S.A
...4	CN906	3707-001067	CONNECTOR-OPTICAL;PLUG,SM,-,4.4/2.0mm	1	S.A
...3	T0174	BN97-01137C	ASSY SMD;LE32S73BDX/XET	1	S.N.A
...4	CIS05	0202-001477	SOLDER-CREAM;LST309-M,-,D20-45\$,96.5Sn/	3.577	S.N.A
...4	D2003	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D2010	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D2011	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D2012	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D2013	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D2016	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D2017	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D2018	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D2019	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D2020	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D2021	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D2022	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D2023	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D2032	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D2033	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D2034	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D2044	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D2057	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D5001	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D5002	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D5003	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D5004	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D5005	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D5006	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D1001	0402-000553	DIODE-SCHOTTKY;SS24/B240,40V,2000mA,DO-2	1	S.A
...4	D1004	0402-000553	DIODE-SCHOTTKY;SS24/B240,40V,2000mA,DO-2	1	S.A
...4	D1008	0403-000258	DIODE-ZENER;BZX84C5V6,5.2-6V,225mW,SOT-2	1	S.A
...4	D3003	0403-000258	DIODE-ZENER;BZX84C5V6,5.2-6V,225mW,SOT-2	1	S.A
...4	D2001	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
...4	D2002	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
...4	D2040	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
...4	D2041	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
...4	D2042	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
...4	D2043	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
...4	D2064	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
...4	D2065	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
...4	D3006	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
...4	D3008	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
...4	D4001	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
...4	D4002	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
...4	D4003	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
...4	D4005	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
...4	D4006	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
...4	D4007	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
...4	D4008	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
...4	D4009	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
...4	D4010	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A

## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	D4011	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
....4	D4012	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
....4	D2004	0403-001016	DIODE-ZENER;RLZ6.2B,5.96-6.27V,500mW,LL-	1	SA
....4	D2009	0403-001169	DIODE-ZENER;RLZ16C,15.96-16.51V,500MW,LL	1	SA
....4	D2039	0403-001169	DIODE-ZENER;RLZ16C,15.96-16.51V,500MW,LL	1	SA
....4	D2005	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D2006	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D2007	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D2008	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D2014	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D2015	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D2024	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D2025	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D2026	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D2027	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D2028	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D2029	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D2030	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D2031	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D2035	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D2036	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D2037	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D2038	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D2051	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D2052	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D2054	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D2055	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D2056	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D1002	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	SA
....4	D1009	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	SA
....4	D3001	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	SA
....4	D3002	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	SA
....4	D3007_32	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	SA
....4	Q1007	0501-000280	TR-SMALL SIGNAL;KSA1182,PNP,150MW,SOT-23	1	SA
....4	Q1001	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q1002	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q1005	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q1006	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q1008	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q1009	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q1010	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q1011	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q1013	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q1014	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q2001	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q3001	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q3003	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q3008	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q3010	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q3011	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q4001	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q5010	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q1003	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	SA
....4	Q1004	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	SA
....4	Q5011	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	SA
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	SA
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	SA
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	SA
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	SA
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	SA



Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	Q409	0505-001170	FET-SILICON;SI9933ADY-T1,P,-20V,3.4A,0.0	1	S.A
....4	IC104	0801-002095	IC-CMOS LOGIC;74LCX245,TRANSCEIVER,TSSOP	1	S.A
....4	IC3002	0903-001432	IC-MICROCOMPUTER;M30840SGP,16Bit,LQFP,10	1	S.N.A
....4	IC1003	1001-000164	IC-ANALOG MULTIPLEX;74HC4052,CMOS,SOP,16	1	S.A
....4	IC1006	1001-000164	IC-ANALOG MULTIPLEX;74HC4052,CMOS,SOP,16	1	S.A
....4	IC106	1001-001082	IC-VIDEO SWITCH;BA7657F,-,SOP,24P,300MIL	1	S.A
....4	IC3006	1001-001109	IC-ANALOG SWITCH;FST3125M,BUS SWITCH & C	1	S.A
....4	IC5005	1001-001109	IC-ANALOG SWITCH;FST3125M,BUS SWITCH & C	1	S.A
....4	IC107	1002-001399	IC-D/A CONVERTER;PCM1754,24BIT,SSOP,16P,	1	S.A
....4	IC110	1006-001076	IC-DRIVER/RECEIVER;MAX232ECWE+T,SOP,16P,	1	S.A
....4	IC112	1103-000129	IC-EEPROM;24C02,2Kbit,256x8Bit,SOP,8P,5x	1	S.A
....4	IC112	1103-000129	IC-EEPROM;24C02,2Kbit,256x8Bit,SOP,8P,5x	1	S.A
....4	IC112	1103-001279	IC-EEPROM;24C32,32Kbit,4Kx8Bit,SOP,8P,5x	1	S.A
....4	IC5002	1105-001538	IC-VIDEO RAM;K4D263238,-,128M,4x1Mx32Bit	1	S.A
....4	DU410	1201-000166	IC-OP AMP;LM358,SOP,ST,8P,150MIL,DUAL,10	1	S.A
....4	T0085	1201-002136	IC-AUDIO AMP;LM4810,MSOP,8P,3x3mm,DUAL,-	1	S.A
....4	T0085	1201-002246	IC-AUDIO AMP;STA323W,SO,36P,15.9x11mm,-,	1	S.A
....4	IC150	1203-001009	IC-SWITCH REG.;3172,SOP,8P,244MIL,PLASTI	1	S.A
....4	IC3009	1203-001559	IC-RESET;DS1834A,SOIC,8P,150MIL,PLASTIC,	1	S.A
....4	T0087	1203-001815	IC-POSI.FIXED REG.;78M09,TO-252,3P,-,PLA	1	S.A
....4	T0087	1203-001816	IC-POSI.FIXED REG.;78M08,TO-252,3P,-,PLA	1	S.A
....4	IC3008_32	1203-001824	IC-VOL. DETECTOR;7042,SOT-89,3P,-,PLASTI	1	S.A
....4	T0087	1203-002842	IC-POSI.FIXED REG.;AP1117D-33A,TO-252,3P	1	S.A
....4	T0087	1203-002842	IC-POSI.FIXED REG.;AP1117D-33A,TO-252,3P	1	S.A
....4	T0087	1203-002842	IC-POSI.FIXED REG.;AP1117D-33A,TO-252,3P	1	S.A
....4	T0087	1203-002855	IC-POSI.FIXED REG.;MC33269DTRK-5.0,DPRK,	1	S.A
....4	T0087	1203-002974	IC-POSI.FIXED REG.;AP1117D-25A,TO-252,3P	1	S.A
....4	T0170	1203-003059	IC-SWITCH VOL. REG.;MP1583,SOIC,8P,4.9x3	1	S.A
....4	IC1009	1204-002464	IC-AUDIO PROCESSOR;STV8257DSX,TQFP,80P,1	1	S.A
....4	IC118	1204-002503	IC-VIDEO PROCESS;SVP-PX56-7256,PQFP,256P	1	S.N.A
....4	R2024	2007-000040	R-CHIP;150ohm,1%,1/10W,TP,1608	1	S.A
....4	R5026	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	S.A
....4	R5029	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	S.A
....4	R3088	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	S.A
....4	R3100	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	S.A
....4	R3101	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	S.A
....4	R3102	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	S.A
....4	R3103	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	S.A
....4	R3104	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	S.A
....4	R3105	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	S.A
....4	R3106	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	S.A
....4	R3107	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	S.A
....4	R3130	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	S.A
....4	R3141	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	S.A
....4	R5013	2007-000060	R-CHIP;100Kohm,1%,1/10W,TP,1608	1	S.A
....4	R1066	2007-000067	R-CHIP;15Kohm,1%,1/10W,TP,1608	1	S.A
....4	R1059	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R1085	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R1086	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R1087	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R2055	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R2064	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R2069_32	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R2070_32	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R2071_32	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R2080	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R2088_32	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R2089_32	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R2090_32	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R2091_32	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A

## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R3003	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R3024	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R3025_LVDS	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R3026	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R3027	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R3028	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R3029	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R3031	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R3032	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R3033	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R3035	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R3037	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R3039	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R3040	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R3041	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R3043	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R3047_LVDS	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R3089	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R3090	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R3117	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R3118	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R3132	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R4001	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R4002	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R4003	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R4012	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R4016	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R4017	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R4018	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R4019	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R4032	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R4033	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R4035	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R4051_32	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R4086_EN	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R4090	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R5012	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R5014	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R5068	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R5076	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R5084	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R5087	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R5099	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R5100	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R5101	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R5103	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R5115	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R5116	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R5117	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R5120	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R1084	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R1095	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2050	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2063	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2106	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2107	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2108	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2109	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2110	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2111	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A

[illegible]

## 6 Electrical Parts List

[illegible]

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R2042	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A
....4	R2043	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A
....4	R2074	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A
....4	R2075	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A
....4	R2077	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A
....4	R2079	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A
....4	R3128	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A
....4	R3133	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A
....4	R4030	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A
....4	R4031	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A
....4	R4099	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A
....4	R5091	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A
....4	R5093	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A
....4	R1074	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2009	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2016	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3001	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3019	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3030	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3121	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3138	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3139	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R4025	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R4026	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R4027	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R4034	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R4053	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R4096	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R4103	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R5043	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3016	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3017	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3071	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3072	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	S.A
....4	R4100	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	S.A
....4	R4101	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1035	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1058	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1060	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3002	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3014	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3015	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3018	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3020	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3021	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3022	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3036	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3038	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3070	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3079	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3080	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3081	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3082	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3086	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3087	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3108	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3109	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3110	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3111	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3112	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A

## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R3113	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3114	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3116	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3134	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3137	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R4036	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R4037	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R4098	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R4123	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R5064	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R2028	2007-000087	R-CHIP;6.8Kohm,5%,1/10W,TP,1608	1	SA
....4	R2061	2007-000087	R-CHIP;6.8Kohm,5%,1/10W,TP,1608	1	SA
....4	R1015	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R1016	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R1038	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R1039	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R1041	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R1051	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R1067	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R1101	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R1102	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R1103	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R1104	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R1105	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R2002	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R2003	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R2013	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R2044	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R2045	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R2057	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R2065	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R3005	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R3006	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R3007	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R3075	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R3076	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R3083	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R3084	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R3085	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R3131	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R3140	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R4118	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R4119	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R5004	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R5044	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R1065	2007-000092	R-CHIP;15Kohm,5%,1/10W,TP,1608	1	SA
....4	R1070	2007-000093	R-CHIP;20Kohm,5%,1/10W,TP,1608	1	SA
....4	R1071	2007-000093	R-CHIP;20Kohm,5%,1/10W,TP,1608	1	SA
....4	R1082	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608	1	SA
....4	R3004	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608	1	SA
....4	R5119	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608	1	SA
....4	R1062	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	SA
....4	R1068	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	SA
....4	R1075	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	SA
....4	R1079	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	SA
....4	R1080	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	SA
....4	R2010	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	SA
....4	R2011	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	SA
....4	R2012	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	SA
....4	R3099	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	SA

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R1001	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1002	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1003	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1004	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1005	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1006	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1007	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1008	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1019	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1020	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1021	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1022	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1023	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1024	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1025	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1026	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1027	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1028	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1029	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1030	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1043	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1044	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1045	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1046	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1034	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1064	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1069	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1072	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1073	2007-000107	R-CHIP;470Kohm,5%,1/10W,TP,1608	1	S.A
....4	R4021	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R4022	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R4023	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R4024	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R1036	2007-000119	R-CHIP;560ohm,5%,1/10W,TP,1608	1	S.A
....4	R1078	2007-000122	R-CHIP;1.2Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1031	2007-000123	R-CHIP;1.5Kohm,5%,1/10W,TP,1608	1	S.A
....4	R5053	2007-000123	R-CHIP;1.5Kohm,5%,1/10W,TP,1608	1	S.A
....4	R5054	2007-000123	R-CHIP;1.5Kohm,5%,1/10W,TP,1608	1	S.A
....4	R5055	2007-000123	R-CHIP;1.5Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3129	2007-000124	R-CHIP;2.2Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1096	2007-000125	R-CHIP;3.9Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1076	2007-000129	R-CHIP;27Kohm,5%,1/10W,TP,1608	1	S.A
....4	R5015	2007-000133	R-CHIP;330Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2119	2007-000287	R-CHIP;100OHM,1%,1/10W,TP,1608	1	S.A
....4	R2098	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R2099	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R2100	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R2101	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R2102	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R2103	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R2104	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R2105	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3044	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3048	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3049_1M	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3050_1M	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3056	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3060	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3061	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3064	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A



## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R3066	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3067	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3068	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3069	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3091	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3092	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3093	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3094	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3095	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3096	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3097	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3098	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R5045	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R5046	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R5047	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R2017	2007-000458	R-CHIP;18Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2052	2007-000458	R-CHIP;18Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3012	2007-000704	R-CHIP;3.6Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3013	2007-000704	R-CHIP;3.6Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1077	2007-000708	R-CHIP;3.9Kohm,1%,1/10W,TP,1608	1	S.A
....4	R4122	2007-000903	R-CHIP;430ohm,1%,1/10W,TP,1608	1	S.A
....4	R2019	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	S.A
....4	R2020	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	S.A
....4	R2021	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	S.A
....4	R2066	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	S.A
....4	R2067	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	S.A
....4	R2076	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	S.A
....4	R2078	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	S.A
....4	R2082	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	S.A
....4	R2083	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	S.A
....4	R2094	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	S.A
....4	R2095	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	S.A
....4	R5035	2007-001014	R-CHIP;51OHM,5%,1/10W,TP,1608	1	S.A
....4	R5039	2007-001014	R-CHIP;51OHM,5%,1/10W,TP,1608	1	S.A
....4	R2030	2007-001131	R-CHIP;68ohm,1%,1/10W,TP,1608	1	S.A
....4	R2056	2007-001131	R-CHIP;68ohm,1%,1/10W,TP,1608	1	S.A
....4	R2014	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R2015	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R2025	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R2026	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R2027	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R2032	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R2062	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R2085	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R2086	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R2087	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R2036	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	S.A
....4	R2038	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	S.A
....4	R2041	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	S.A
....4	R2046	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	S.A
....4	R2047	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	S.A
....4	R2048	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	S.A
....4	R2054	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	S.A
....4	R2059	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	S.A
....4	R5016	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	S.A
....4	R1057	2007-007299	R-CHIP;6.81Kohm,1%,1/10W,TP,1608	1	S.A
....4	R2118	2007-007733	R-CHIP;51ohm,1%,1/10W,TP,1608	1	S.A
....4	R1083	2007-008720	R-CHIP;4.7ohm,1%,1/4W,TP,3216	1	S.A
....4	R1088	2007-008720	R-CHIP;4.7ohm,1%,1/4W,TP,3216	1	S.A
....4	R1094	2007-008720	R-CHIP;4.7ohm,1%,1/4W,TP,3216	1	S.A



Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R1097	2007-008720	R-CHIP;4.7ohm,1%,1/4W,TP,3216	1	S.A
....4	RA5001	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA5002	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA5003	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA5004	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA5005	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA5006	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA5007	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA5010	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA3004	2011-000651	R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA3005	2011-000651	R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA3007	2011-000651	R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA3008	2011-000651	R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA3009	2011-000651	R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA3011	2011-000651	R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA3001	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA3002	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA3003	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA3006	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA3010	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA3012	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA3013	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA3014	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA3015	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA3016	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA3017	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA3018	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA3019	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA3020	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA4001	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA4002	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	C1158	2203-000125	C-CER,CHIP;1.2nF,10%,50V,X7R,TP,1608,-	1	S.A
....4	C1037	2203-000140	C-CER,CHIP;1.5nF,10%,50V,X7R,1608	1	S.A
....4	C1062	2203-000140	C-CER,CHIP;1.5nF,10%,50V,X7R,1608	1	S.A
....4	C1004	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1006	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1008	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1016	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1021	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1025	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1027	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1043	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1046	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1052	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1053	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1054	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1055	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1075	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1084	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1086	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1087	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1097	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1098	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1103	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1105	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1109	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1124	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1132	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1133	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1141	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A

## 6 Electrical Parts List

[illegible]

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C5026	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C5038	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C5043	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C5022	2203-000221	C-CER,CHIP;100nF,20%,50V,Y5V,TP,3216	1	S.A
....4	C1050	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C1134	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C1135	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C1161	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C1162	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C1163	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C2003	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C2004	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C2005	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C2006	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C2007	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C2011	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C2012	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C2013	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C2014	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C2019	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C2020	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C2022_DE	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C2023	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C2024	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C2025	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C2027	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C2028	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C2032	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C3024	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C3025	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C5059	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C5068	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C5069	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C5084	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C5085	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C1002	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C1005	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C1013	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C1022	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C1026	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C1034	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C1049	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C1094	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C3035	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C4005	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C4006	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C4007	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C4008	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C4009	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C4124	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C5006	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C5007	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C5008	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C5009	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C5010	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C5017	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C5036	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C5040	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C5061	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C5062	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A

## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C5064	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C1110	2203-000405	C-CER,CHIP;0.18nF,5%,50V,C0G,1608	1	SA
....4	C1121	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C3002	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C3003	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C3007	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C3020	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C3021	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C3029	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C4119	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C5087	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C4058	2203-000531	C-CER,CHIP;2.7nF,10%,50V,X7R,1608	1	SA
....4	C4066	2203-000531	C-CER,CHIP;2.7nF,10%,50V,X7R,1608	1	SA
....4	C4001	2203-000552	C-CER,CHIP;0.02nF,5%,50V,C0G,1608	1	SA
....4	C4011	2203-000552	C-CER,CHIP;0.02nF,5%,50V,C0G,1608	1	SA
....4	C1070	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	SA
....4	C1082	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	SA
....4	C3012	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	SA
....4	C3013	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	SA
....4	C3030	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	SA
....4	C3031	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	SA
....4	C1111	2203-000715	C-CER,CHIP;3.3nF,10%,50V,X7R,1608	1	SA
....4	C1142	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	SA
....4	C1152	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	SA
....4	C2009	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	SA
....4	C2010	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	SA
....4	C2015	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	SA
....4	C2016	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	SA
....4	C2026	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	SA
....4	C5076	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	SA
....4	C5077	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	SA
....4	C1100	2203-000798	C-CER,CHIP;33nF,10%,16V,X7R,TP,1608,-	1	SA
....4	C1101	2203-000798	C-CER,CHIP;33nF,10%,16V,X7R,TP,1608,-	1	SA
....4	C2029	2203-000815	C-CER,CHIP;0.033nF,5%,50V,C0G,1608	1	SA
....4	C2030	2203-000815	C-CER,CHIP;0.033nF,5%,50V,C0G,1608	1	SA
....4	C2031	2203-000815	C-CER,CHIP;0.033nF,5%,50V,C0G,1608	1	SA
....4	C5056	2203-000815	C-CER,CHIP;0.033nF,5%,50V,C0G,1608	1	SA
....4	C5057	2203-000815	C-CER,CHIP;0.033nF,5%,50V,C0G,1608	1	SA
....4	C5058	2203-000815	C-CER,CHIP;0.033nF,5%,50V,C0G,1608	1	SA
....4	C1119	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	SA
....4	C1120	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	SA
....4	C4003	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	SA
....4	C4004	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	SA
....4	C5003	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	SA
....4	C5004	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	SA
....4	C1063	2203-000972	C-CER,CHIP;47nF,10%,16V,X7R,1608	1	SA
....4	C2008	2203-000998	C-CER,CHIP;0.047nF,5%,50V,C0G,1608	1	SA
....4	C2021	2203-000998	C-CER,CHIP;0.047nF,5%,50V,C0G,1608	1	SA
....4	C5063	2203-000998	C-CER,CHIP;0.047nF,5%,50V,C0G,1608	1	SA
....4	C1056	2203-001402	C-CER,CHIP;220nF,+80-20%,16V,Y5V,TP,1608	1	SA
....4	C1164	2203-001607	C-CER,CHIP;0.22nF,5%,50V,NP0,1608	1	SA
....4	C1114	2203-001652	C-CER,CHIP;470nF,+80-20%,16V,Y5V,1608	1	SA
....4	C1116	2203-001652	C-CER,CHIP;470nF,+80-20%,16V,Y5V,1608	1	SA
....4	C1038	2203-001656	C-CER,CHIP;0.47nF,5%,50V,NP0,1608	1	SA
....4	C1061	2203-001656	C-CER,CHIP;0.47nF,5%,50V,NP0,1608	1	SA
....4	C3039	2203-001656	C-CER,CHIP;0.47nF,5%,50V,NP0,1608	1	SA
....4	C1117	2203-001724	C-CER,CHIP;4700nF,+80-20%,16V,Y5V,3216	1	SA
....4	C1003	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C1011	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C1032	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C1039	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1066	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1068	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1071	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1072	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1073	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1074	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1078	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1079	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1093	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1104	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1108	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1129	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1130	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1148	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1169	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1171	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1173	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C3009	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C3010	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C3014	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C3015	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C3016	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C3018	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C3019	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C3022	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C3026	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C3027	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C3032	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C3037	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C3040	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C3042	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C3044	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C3046	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C3047	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C3049	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C4002	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C4125	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C4126	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C4129	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C5001	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C5002	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C5011	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C5012	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C5021	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C5023	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C5039	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C5054	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1143	2203-005030	C-CER,CHIP;470nF,+80-20%,50V,Y5V,TP,3216	1	S.A
....4	C1153	2203-005030	C-CER,CHIP;470nF,+80-20%,50V,Y5V,TP,3216	1	S.A
....4	C1031	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C1040	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C1155	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C2038	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C3023	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C3033	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C4117	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C4118	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C1122	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C1131	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A

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Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C1137	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C1138	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C1140	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C1144	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C1145	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C1146	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C1147	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C1149	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C1150	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C1154	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C1156	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C1157	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C1160	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C1166	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C4014	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4015	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4024	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4033	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4037	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4044	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4050	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4065	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4074	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4075	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4078	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4079	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4087	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4088	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4089	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4090	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4091	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4092	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4093	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4094	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C1001	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1012	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1014	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1017	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1018	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1019	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1020	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1023	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1024	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1030	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1033	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1035	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1041	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1044	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1045	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1047	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A



Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C1088	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1089	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1090	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1091	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1092	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1096	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1099	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1126	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1136	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1172	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C3017	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C4057	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C4064	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C4072	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C4082	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C4122	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C5083	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C5086	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C2001	2402-000108	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.2m	1	S.A
....4	C5037	2402-000108	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.2m	1	S.A
....4	C5041	2402-000108	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.2m	1	S.A
....4	C5024	2402-000179	C-AL,SMD;47uF,20%,16V,GP,TP,6.6x6.6x5.7m	1	S.A
....4	C4012	2402-001059	C-AL,SMD;220UF,20%,6.3V,-,TP,6X6.6X6.6	1	S.A
....4	C4013	2402-001059	C-AL,SMD;220UF,20%,6.3V,-,TP,6X6.6X6.6	1	S.A
....4	C1102	2402-001081	C-AL,SMD;100uF,20%,25V,WT,TP,8.3x8.3x10	1	S.A
....4	C1125	2402-001083	C-AL,SMD;100uF,20%,50V,GP,TP,10x10.3x10m	1	S.A
....4	C5032	2402-001097	C-AL,SMD;0.1UF,20%,50V,WT,TP,4.3X4.3X5.2	1	S.A
....4	C5033	2402-001097	C-AL,SMD;0.1UF,20%,50V,WT,TP,4.3X4.3X5.2	1	S.A
....4	C1009	2402-001128	C-AL,SMD;100uF,20%,16V,WT,TP,6.3X5.7mm	1	S.A
....4	C1010	2402-001128	C-AL,SMD;100uF,20%,16V,WT,TP,6.3X5.7mm	1	S.A
....4	C1015	2402-001128	C-AL,SMD;100uF,20%,16V,WT,TP,6.3X5.7mm	1	S.A
....4	C1029	2402-001128	C-AL,SMD;100uF,20%,16V,WT,TP,6.3X5.7mm	1	S.A
....4	C1036	2402-001128	C-AL,SMD;100uF,20%,16V,WT,TP,6.3X5.7mm	1	S.A
....4	C1042	2402-001128	C-AL,SMD;100uF,20%,16V,WT,TP,6.3X5.7mm	1	S.A
....4	C1059	2402-001128	C-AL,SMD;100uF,20%,16V,WT,TP,6.3X5.7mm	1	S.A
....4	C1112	2402-001128	C-AL,SMD;100uF,20%,16V,WT,TP,6.3X5.7mm	1	S.A
....4	C1113	2402-001128	C-AL,SMD;100uF,20%,16V,WT,TP,6.3X5.7mm	1	S.A
....4	C1115	2402-001128	C-AL,SMD;100uF,20%,16V,WT,TP,6.3X5.7mm	1	S.A
....4	C1123	2402-001128	C-AL,SMD;100uF,20%,16V,WT,TP,6.3X5.7mm	1	S.A
....4	C1007	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	S.A
....4	C1028	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	S.A
....4	C1064	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	S.A
....4	C1069	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	S.A
....4	C1107	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	S.A
....4	C3036	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	S.A
....4	C3038	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	S.A
....4	C4010	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	S.A
....4	C5042	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	S.A
....4	C1106	2402-001160	C-AL,SMD;330UF,20%,16V,WT,TP,1008	1	S.A
....4	C1077	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	S.A
....4	C1139	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	S.A
....4	C2017	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	S.A
....4	C3004	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	S.A
....4	C3006	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	S.A
....4	C3008	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	S.A
....4	C3011	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	S.A
....4	C3028	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	S.A
....4	C3041	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	S.A
....4	C3043	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	S.A
....4	C3045	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	S.A

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Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C3048	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	S.A
....4	C3050	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	S.A
....4	C3051	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	S.A
....4	C1057	2402-001183	C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM	1	S.A
....4	C1128	2402-001183	C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM	1	S.A
....4	C1167	2402-001183	C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM	1	S.A
....4	C1170	2402-001183	C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM	1	S.A
....4	C4123	2402-001183	C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM	1	S.A
....4	C5005	2402-001183	C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM	1	S.A
....4	C5016	2402-001183	C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM	1	S.A
....4	C1127	2402-001221	C-AL,SMD;470UF,20%,16V,-,TP,A8.3XB8.3XL1	1	S.A
....4	C1165	2402-001221	C-AL,SMD;470UF,20%,16V,-,TP,A8.3XB8.3XL1	1	S.A
....4	C4030	2402-001226	C-AL,SMD;4.7UF,20%,35V,HR,TP,4.3X4.3X5.8	1	S.A
....4	C4047	2402-001226	C-AL,SMD;4.7UF,20%,35V,HR,TP,4.3X4.3X5.8	1	S.A
....4	C4051	2402-001226	C-AL,SMD;4.7UF,20%,35V,HR,TP,4.3X4.3X5.8	1	S.A
....4	C4127	2402-001226	C-AL,SMD;4.7UF,20%,35V,HR,TP,4.3X4.3X5.8	1	S.A
....4	C5078	2402-001257	C-AL,SMD;470uF,20%,16V,-,TP,8.3*10	1	S.A
....4	C5079	2402-001257	C-AL,SMD;470uF,20%,16V,-,TP,8.3*10	1	S.A
....4	C5080	2402-001257	C-AL,SMD;470uF,20%,16V,-,TP,8.3*10	1	S.A
....4	C1095	2409-001029	C-ORGANIC;120uF,20%,6.3V,WT,TP,10.3x10.3	1	S.A
....4	T0052	2703-000274	INDUCTOR-SMD;2.2uH,10%,2012	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-001229	INDUCTOR-SMD;2.2uH,10%,1608	1	S.A
....4	T0052	2703-001229	INDUCTOR-SMD;2.2uH,10%,1608	1	S.A
....4	T0052	2703-001229	INDUCTOR-SMD;2.2uH,10%,1608	1	S.A
....4	T0052	2703-001229	INDUCTOR-SMD;2.2uH,10%,1608	1	S.A
....4	T0052	2703-001229	INDUCTOR-SMD;2.2uH,10%,1608	1	S.A
....4	T0052	2703-001229	INDUCTOR-SMD;2.2uH,10%,1608	1	S.A
....4	T0052	2703-001778	INDUCTOR-SMD;3.3uH,20%,3225	1	S.A
....4	T0052	2703-002722	INDUCTOR-SMD;22uH,20%,12x12mm	1	S.A
....4	T0052	2703-002915	INDUCTOR-SMD;22uH,20%,8080	1	S.A
....4	T0052	2703-002915	INDUCTOR-SMD;22uH,20%,8080	1	S.A
....4	T0052	2703-002915	INDUCTOR-SMD;22uH,20%,8080	1	S.A
....4	T0052	2703-002915	INDUCTOR-SMD;22uH,20%,8080	1	S.A
....4	X3002	2801-003326	CRYSTAL-SMD;24MHZ,30PPM,28-ABX,20PF,50OH	1	S.A
....4	X3001	2801-003923	CRYSTAL-SMD;10MHz,30ppm,28-AAN,20pF,60oh	1	S.A
....4	X1001	2801-003954	CRYSTAL-SMD;27MHz,30ppm,28-AAN,16pF,50oh	1	S.A
....4	X4001	2801-004483	CRYSTAL-SMD;28.322MHz,30ppm,HC-49,20pF,5	1	S.A
....4	F103	2901-001114	FILTER-EMI SMD;25VDC,2.0ADC,-,100nF,3.2x	1	S.A
....4	T0568	3301-000314	BEAD-SMD;120ohm,1.6x0.8x0.8mm,-,-,-	1	S.N.A
....4	T0568	3301-000314	BEAD-SMD;120ohm,1.6x0.8x0.8mm,-,-,-	1	S.N.A
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A
....4	T0568	3301-001236	BEAD-SMD;60ohm,1608,-,-,-	1	S.N.A



Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	T0568	3301-001236	BEAD-SMD;60ohm,1608,-,-,-	1	S.N.A
....4	T0568	3301-001236	BEAD-SMD;60ohm,1608,-,-,-	1	S.N.A
....4	T0568	3301-001236	BEAD-SMD;60ohm,1608,-,-,-	1	S.N.A
....4	T0568	3301-001236	BEAD-SMD;60ohm,1608,-,-,-	1	S.N.A
....4	T0568	3301-001236	BEAD-SMD;60ohm,1608,-,-,-	1	S.N.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001393	BEAD-SMD;60ohm,3216,1500mA,TP,,0.1ohm/40MH	1	S.N.A
....4	T0568	3301-001404	BEAD-SMD;30ohm,2012,TP,-,-	1	S.A
....4	T0568	3301-001404	BEAD-SMD;30ohm,2012,TP,-,-	1	S.A
....4	T0568	3301-001404	BEAD-SMD;30ohm,2012,TP,-,-	1	S.A
....4	T0568	3301-001404	BEAD-SMD;30ohm,2012,TP,-,-	1	S.A
....4	T0568	3301-001404	BEAD-SMD;30ohm,2012,TP,-,-	1	S.A
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A
....4	CN2001	3701-001311	CONNECTOR-HDMI;21P,2R,FEMALE,SMD-S,AU30U	1	S.A
....4	CN330	3711-005291	HEADER-BOARD TO CABLE;BOX,2P,1R,2MM,SMD-	1	S.A
....4	CN330	3711-005292	HEADER-BOARD TO CABLE;BOX,3P,1R,2MM,SMD-	1	S.A
....4	CN330	3711-005497	HEADER-BOARD TO CABLE;BOX,15P,1R,1.25MM,	1	S.A
....4	L1012	BN27-00007A	COIL CHOKE-SMD;DHB0504-100,RB15/17NS,10u	1	S.A
....4	T0077	BN41-00700B	PCB MAIN;CAMBRIDGE,FR-4,4,MP2.0,1.6T,192	1	S.N.A
....4	M0018	BN97-00805G	ASSY MICOM;T-CBGMPPEUS-1001,LE32R73BDX/XE	1	S.A
.....5	IC520	0903-001389	IC-MICROCONTROLLER;S3F866B,8Bit,QFP,44P,	1	S.N.A
....4	M0018	BN97-01186B	ASSY MICOM;T-BSMMPITD,LE32S73BDX/XET,200	1	S.N.A
.....5	IC115	1107-001555	IC-FLASH MEMORY;49BV802A,8MBIT,1MX8/512K	1	S.N.A
..2	T0422	BN94-01078H	ASSY PCB MISC-DTV MODULE;LE32N73BDX/XEC	1	S.N.A
...3	T0245	0202-001492	SOLDER-WIRE FLUX;HSE-02 LFM48 SR-34 S,-,	0.003	S.N.A
...3	IC104	1405-000187	VARIATOR;615Vdc,1250A,12.5x7mm,TP	1	S.A
...3	IC106	1405-000187	VARIATOR;615Vdc,1250A,12.5x7mm,TP	1	S.A
...3	IC107	1405-000187	VARIATOR;615Vdc,1250A,12.5x7mm,TP	1	S.A
...3	CN902	3703-001124	CONNECTOR-BACK PANEL;32P,2R,MALE,ANGLE,A	1	S.A
...3	CN902	3703-001124	CONNECTOR-BACK PANEL;32P,2R,MALE,ANGLE,A	1	S.A
...3	CN501	3709-001346	CONNECTOR-CARD SLOT;68P,0.27mm,ANGLE,AU1	1	S.A
...3	CN330	3711-001154	HEADER-BOARD TO CABLE;BOX,9P,1R,2.5MM,ST	1	S.A
...3	JA330	3722-001055	JACK-PHONE;5P/2C,AG,BLK,ANGLE	1	S.A
...3	CN110	3722-002418	JACK-MODULAR;6P/2C,STANDARD,Y,ANGLE,N,AU	1	S.A
...3	MD101	BN96-02795A	ASSY PCB P-MODEM;SIENA,ITALY,MODEM	1	S.N.A
...3	T0174	BN97-01160G	ASSY SMD;LE32N73BDX/XEC	1	S.N.A
....4	CIS05	0202-001477	SOLDER-CREAM;LST309-M,-,D20-45\$,-.96.5Sn/	0.94	S.N.A
....4	IC104	0801-002378	IC-CMOS LOGIC;74VHC04,HEX INVERTER,SOP,1	1	S.A
....4	IC104	0801-002709	IC-CMOS LOGIC;74HC373,D FLIP-FLOP,TSSOP,	1	S.A

## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	IC113	1105-001308	IC-DRAM;K4S281632,128Mbit,8Mx16,TSOP,54P	1	S.A
....4	IC113	1105-001308	IC-DRAM;K4S281632,128Mbit,8Mx16,TSOP,54P	1	S.A
....4	IC113	1105-001308	IC-DRAM;K4S281632,128Mbit,8Mx16,TSOP,54P	1	S.A
....4	T0087	1203-002686	IC-POSIFIXED REG.;MIC39100,SOT-223,3P,6	1	S.A
....4	T0087	1203-002842	IC-POSIFIXED REG.;AP1117D-33A,TO-252,3P	1	S.A
....4	T0087	1203-002842	IC-POSIFIXED REG.;AP1117D-33A,TO-252,3P	1	S.A
....4	IC401	1204-001774	IC-VIDEO ENCODER;BT861KRF,MQFP,80P,551MI	1	S.A
....4	IC301	1205-002340	IC-DATA COMM./GEN.;CX22496-17,BGA,292P,2	1	S.A
....4	R101	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	S.A
....4	R122	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	S.A
....4	R308	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	S.A
....4	R402	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	S.A
....4	R408	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	S.A
....4	R120	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R124_OP	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R125	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R320	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R108	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R311	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R406	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R412	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R426	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R427	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R428	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R429	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R512	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R514	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R302	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R303	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R317	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R102	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R103	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R104	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R110	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R301	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R304	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R305	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R307	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R417	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R501	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R502	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R505	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R506	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R508	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R509	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R510	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R511	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R312	2007-000109	R-CHIP;1Mohm,5%,1/10W,TP,1608	1	S.A
....4	R112	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R118	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R119	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R121	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R203	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R204	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R205	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R206	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R209	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R210	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R211	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R212	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R306	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R309	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R310	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R313	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R316	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R321	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R322	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R323	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R424	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R425	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R403	2007-000116	R-CHIP;120ohm,5%,1/10W,TP,1608	1	S.A
....4	R413	2007-000122	R-CHIP;1.2Kohm,5%,1/10W,TP,1608	1	S.A
....4	R414	2007-000122	R-CHIP;1.2Kohm,5%,1/10W,TP,1608	1	S.A
....4	R314	2007-000402	R-CHIP;150ohm,5%,1/10W,TP,1608	1	S.A
....4	R319	2007-000402	R-CHIP;150ohm,5%,1/10W,TP,1608	1	S.A
....4	R409	2007-000402	R-CHIP;150ohm,5%,1/10W,TP,1608	1	S.A
....4	R421	2007-000402	R-CHIP;150ohm,5%,1/10W,TP,1608	1	S.A
....4	R416	2007-000426	R-CHIP;160ohm,5%,1/10W,TP,1608	1	S.A
....4	R432	2007-000512	R-CHIP;2.4Kohm,5%,1/10W,TP,1608	1	S.A
....4	R433	2007-000512	R-CHIP;2.4Kohm,5%,1/10W,TP,1608	1	S.A
....4	R430	2007-000637	R-CHIP;270Kohm,5%,1/10W,TP,1608	1	S.A
....4	R431	2007-000637	R-CHIP;270Kohm,5%,1/10W,TP,1608	1	S.A
....4	R315	2007-000929	R-CHIP;470ohm,1%,1/10W,TP,1608	1	S.A
....4	R318	2007-000929	R-CHIP;470ohm,1%,1/10W,TP,1608	1	S.A
....4	R111	2007-001044	R-CHIP;56ohm,5%,1/10W,TP,1608	1	S.A
....4	R503	2007-001044	R-CHIP;56ohm,5%,1/10W,TP,1608	1	S.A
....4	R504	2007-001044	R-CHIP;56ohm,5%,1/10W,TP,1608	1	S.A
....4	RA501	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA502	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA503	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA504	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	R201	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	R202	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	R207	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	R208	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA113	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA114	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA115	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA301	2011-001193	R-NET;68ohm,5%,1/16W,L,CHIP,8P,TP	1	S.A
....4	RA302	2011-001193	R-NET;68ohm,5%,1/16W,L,CHIP,8P,TP	1	S.A
....4	RA303	2011-001193	R-NET;68ohm,5%,1/16W,L,CHIP,8P,TP	1	S.A
....4	RA304	2011-001193	R-NET;68ohm,5%,1/16W,L,CHIP,8P,TP	1	S.A
....4	RA305	2011-001193	R-NET;68ohm,5%,1/16W,L,CHIP,8P,TP	1	S.A
....4	RA306	2011-001193	R-NET;68ohm,5%,1/16W,L,CHIP,8P,TP	1	S.A
....4	RA307	2011-001193	R-NET;68ohm,5%,1/16W,L,CHIP,8P,TP	1	S.A
....4	RA308	2011-001193	R-NET;68ohm,5%,1/16W,L,CHIP,8P,TP	1	S.A
....4	RA309	2011-001193	R-NET;68ohm,5%,1/16W,L,CHIP,8P,TP	1	S.A
....4	RA310	2011-001193	R-NET;68ohm,5%,1/16W,L,CHIP,8P,TP	1	S.A
....4	RA311	2011-001193	R-NET;68ohm,5%,1/16W,L,CHIP,8P,TP	1	S.A
....4	C101	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C107	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C109	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C111	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C112	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C114	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C118	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C201	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C202	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C203	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C204	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A

## 6 Electrical Parts List

[illegible]

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C508	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C509	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C511	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C428	2203-000357	C-CER,CHIP;0.15nF,5%,50V,C0G,1608	1	S.A
....4	C429	2203-000357	C-CER,CHIP;0.15nF,5%,50V,C0G,1608	1	S.A
....4	C440	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	S.A
....4	C441	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	S.A
....4	C446	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	S.A
....4	C447	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	S.A
....4	C442	2203-000659	C-CER,CHIP;0.27nF,5%,50V,C0G,1608	1	S.A
....4	C444	2203-000659	C-CER,CHIP;0.27nF,5%,50V,C0G,1608	1	S.A
....4	C448	2203-000659	C-CER,CHIP;0.27nF,5%,50V,C0G,1608	1	S.A
....4	C450	2203-000659	C-CER,CHIP;0.27nF,5%,50V,C0G,1608	1	S.A
....4	C310	2203-000681	C-CER,CHIP;0.027nF,5%,50V,C0G,1608	1	S.A
....4	C443	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C445	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C449	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C451	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C311	2203-000815	C-CER,CHIP;0.033nF,5%,50V,C0G,1608	1	S.A
....4	C434	2203-001126	C-CER,CHIP;0.68nF,10%,50V,X7R,1608	1	S.A
....4	C435	2203-001126	C-CER,CHIP;0.68nF,10%,50V,X7R,1608	1	S.A
....4	C312_DE	2203-001170	C-CER,CHIP;0.0060nF,0.25pF,50V,NP0,1608	1	S.A
....4	C320	2203-002793	C-CER,CHIP;1000nF,+80-20%,25V,Y5V,2012	1	S.A
....4	C321	2203-002793	C-CER,CHIP;1000nF,+80-20%,25V,Y5V,2012	1	S.A
....4	C401	2203-002793	C-CER,CHIP;1000nF,+80-20%,25V,Y5V,2012	1	S.A
....4	C411	2203-002793	C-CER,CHIP;1000nF,+80-20%,25V,Y5V,2012	1	S.A
....4	C412	2203-002793	C-CER,CHIP;1000nF,+80-20%,25V,Y5V,2012	1	S.A
....4	C413	2203-002793	C-CER,CHIP;1000nF,+80-20%,25V,Y5V,2012	1	S.A
....4	C414	2203-002793	C-CER,CHIP;1000nF,+80-20%,25V,Y5V,2012	1	S.A
....4	C415	2203-002793	C-CER,CHIP;1000nF,+80-20%,25V,Y5V,2012	1	S.A
....4	C102	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C103	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C431	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C120	2402-000209	C-AL,SMD;22uF,20%,16V,WT,TP,5.3x5.3mm	1	S.A
....4	C503	2402-001042	C-AL,SMD;100uF,20%,16V,GP,TP,6.6x6.6x5.4	1	S.A
....4	C115	2402-001128	C-AL,SMD;100uF,20%,16V,WT,TP,6.3X5.7mm	1	S.A
....4	C119	2402-001128	C-AL,SMD;100uF,20%,16V,WT,TP,6.3X5.7mm	1	S.A
....4	C432	2402-001128	C-AL,SMD;100uF,20%,16V,WT,TP,6.3X5.7mm	1	S.A
....4	C510	2402-001128	C-AL,SMD;100uF,20%,16V,WT,TP,6.3X5.7mm	1	S.A
....4	C104	2402-001216	C-AL,SMD;470uF,20%,16V,WT,TP,10.3x10.3x1	1	S.A
....4	C105	2402-001216	C-AL,SMD;470uF,20%,16V,WT,TP,10.3x10.3x1	1	S.A
....4	C313	2402-001216	C-AL,SMD;470uF,20%,16V,WT,TP,10.3x10.3x1	1	S.A
....4	C106	2402-001269	C-AL,SMD;10uF,20%,10V,WT(BP),REEL,4x5.3mm	1	S.A
....4	C108	2402-001269	C-AL,SMD;10uF,20%,10V,WT(BP),REEL,4x5.3mm	1	S.A
....4	C110	2402-001269	C-AL,SMD;10uF,20%,10V,WT(BP),REEL,4x5.3mm	1	S.A
....4	C419	2402-001269	C-AL,SMD;10uF,20%,10V,WT(BP),REEL,4x5.3mm	1	S.A
....4	T0052	2703-000125	INDUCTOR-SMD;10uH,10%,2012	1	S.A
....4	T0052	2703-000125	INDUCTOR-SMD;10uH,10%,2012	1	S.A
....4	T0052	2703-000125	INDUCTOR-SMD;10uH,10%,2012	1	S.A
....4	T0052	2703-000125	INDUCTOR-SMD;10uH,10%,2012	1	S.A
....4	T0052	2703-000125	INDUCTOR-SMD;10uH,10%,2012	1	S.A
....4	T0052	2703-000310	INDUCTOR-SMD;1.8uH,10%,1608	1	S.A
....4	T0052	2703-000310	INDUCTOR-SMD;1.8uH,10%,1608	1	S.A
....4	T0052	2703-000310	INDUCTOR-SMD;1.8uH,10%,1608	1	S.A
....4	T0052	2703-000310	INDUCTOR-SMD;1.8uH,10%,1608	1	S.A
....4	T0052	2703-000310	INDUCTOR-SMD;1.8uH,10%,1608	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	X301	2801-003667	CRYSTAL-SMD;14.31818MHz,30ppm,28-AAN,16,	1	S.A
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A

## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	FU101	3601-001376	FUSE-SURFACE MOUNT;32V,3A,FAST-ACTING,Hi	1	S.A
....4	IC063	AA13-00030B	IC HYBRID;CIMAX-SP2,WS28A116DUX,128P,0 ~	1	S.A
....4	MP1.3	BN41-00660C	PCB-MODULE;SORRENTO,FR-4,6L,1.6,165*110,	1	S.N.A
....4	M0018	BN97-00805U	ASSY MICOM;T_SOWODES0_1000,GTO26SIT-R53A	1	S.N.A
....5	IC115	1107-001424	IC-FLASH MEMORY;S29GL064M,64Mbit,4Mx16Bi	1	S.N.A
0.1		BN91-01017F	ASSY LCD-SPB;LE32R71B,32",BORDEAUX,AM LC	1	S.N.A
..2	M0215	BN07-00247A	LCD-PANEL;LTA320WT-L14,-,8BIT,760*450*50	1	S.A
0.1	M0112	BN91-01129K	ASSY SHIELD;LE32R74BDX/XET	1	S.N.A
..2	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	2	S.A
..2	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	4	S.A
..2	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	2	S.A
..2	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	6	S.A
..2	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	3	S.A
..2	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	2	S.A
..2	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	1	S.A
..2	M2893	BH39-00362G	LEAD CONNECTOR;SONOMA,UL1007#26,5PIN,100	1	S.A
..2	M2893	BN39-00603M	LEAD CONNECTOR;LE40R73BDX,UL1007#26,UL/C	1	S.A
..2	T0076	BN39-00615D	CBF HARNESS;BORDEAUX,1617#22,3P,1P,RING,	1	S.A
..2	M2893	BN39-00691A	LEAD CONNECTOR;Torino-32,UL1007#26,16P,1	1	S.A
..2	M2893	BN39-00712C	LEAD CONNECTOR-LVDS;Bordeaux,UL1571#30,U	1	S.A
..2		BN61-02099A	GUIDE-PCB;26,32 SIENA,PC+ABS,5V,G3940	1	S.N.A
..2		BN61-02196A	BRACKET-PANEL SIDE;Bordeaux 32,SECC,T1.2	1	S.N.A
..2		BN61-02197A	BRACKET-PANEL SIDE;Bordeaux 32,SECC,T1.2	1	S.N.A
..2		BN61-02201A	BRACKET-STAND LINK;Bordeaux 32,SECC,T1.6	1	S.N.A
..2	M0114	BN61-02500A	HOLDER-WIRE;NYLON6.6,NATURAL	2	S.N.A
..2	M0146	BN63-02462B	SHIELD CASE;CAMBRIDGE 32,SECC,T0.8,UK,(I	1	S.N.A
..2	CIS	BN96-02732A	ASSY PCB P-MODULE;ITALY,SMART CARD MODUL	1	S.N.A
..2	M0059	BN96-03006A	ASSY BOARD P-HOLDER AV;32R71,EO,ABS+PMMA	1	S.N.A
...3		BN61-02193A	HOLDER-SIDE AV;32R71,EO,KO,SO,ABS+PMMA,H	1	S.N.A
...3	T0578	BN64-00454A	INLAY AV;BORDEAUX,PS SHEET,T0.3,-,BLAC	1	S.N.A
...3	M0020	BN96-02439A	ASSY BOARD P-SUB AV SIDE;MILANO,CT5000-3	1	S.N.A
...3	M2893	BN39-00672A	LEAD CONNECTOR;LNR329DX/XAA,UL2835#28,UL	1	S.A
..2	T0447	BN96-03440A	ASSY BRACKET P-PANEL;CAMBRIDGE32,-,SECC,-	1	S.N.A
...3	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	2	S.A
...3	M0146	BN61-02194A	BRACKET-PANEL TOP;Bordeaux 32,SECC,T1.2	1	S.N.A
...3		BN61-02195A	BRACKET-PANEL BOTTOM;Bordeaux 32,SECC,T1	1	S.N.A
...3		BN61-02198A	BRACKET-GUIDE MAIN;Bordeaux 32,SECC,T1.2	1	S.N.A
...3		BN61-02199A	BRACKET-GUIDE POWER;Bordeaux 32,SECC,T1	1	S.N.A
...3		BN61-02200A	BRACKET-GUIDE POWER;Bordeaux 32,SECC,T1	1	S.N.A
...3	T0514	BN61-02393A	BRACKET-SUPPORT;CAMBRIDGE 32,SECC,T1.2	1	S.N.A
...3	M0131	AA63-01437A	GASKET;Bordeaux,Conductive Fabric,20mm,9	1	S.N.A
...3	M0131	AA63-01438A	GASKET;Bordeaux,Conductive Fabric,7mm,8m	1	S.N.A
...3	M0131	AA63-01447A	GASKET;Cambridge,Conductive Fabric,20mm,	1	S.N.A
..2	T0175	BN96-03590A	ASSY SHIELD P-PCB MAIN;CAMBRIDGE32,SECC	1	S.N.A
...3	T0603	BN63-02458A	SHIELD-PCB MAIN;CAMBRIDGE 32,SECC,T0.5,U	1	S.N.A
...3	M0131	BN63-02627A	GASKET;Oxford,Conductive Fabric,8,13,30,	1	S.N.A
..2	T0159	BN96-03775A	ASSY PCB P-SMPS;FreeVoltage SMPS,LA32R71	1	S.A
..2	M2893	BP39-00121C	LEAD CONNECTOR;SIENA,UL1007#26,9P,100mm,	1	S.A
..2	M0081	6003-001188	SCREW-TAPTITE;BH,+,B,M4,L10,YEL,SWRCH18A	2	S.N.A
..2	M0081	6003-001188	SCREW-TAPTITE;BH,+,B,M4,L10,YEL,SWRCH18A	2	S.N.A
..2	M0081	6003-001188	SCREW-TAPTITE;BH,+,B,M4,L10,YEL,SWRCH18A	8	S.N.A
..2	M0081	6003-001188	SCREW-TAPTITE;BH,+,B,M4,L10,YEL,SWRCH18A	2	S.N.A
..2	M0081	6003-001188	SCREW-TAPTITE;BH,+,B,M4,L10,YEL,SWRCH18A	1	S.N.A
..2	M0081	6003-001188	SCREW-TAPTITE;BH,+,B,M4,L10,YEL,SWRCH18A	1	S.N.A
..2	M0081	6003-000337	SCREW-TAPTITE;BH,+,S,M4,L10,ZPC(BLK),SWR	4	S.A
..2	M0081	6003-001439	SCREW-TAPTITE;BH,+,S,M4,L8,ZPC(YEL)	1	S.N.A
0.1	M0113	BN92-01664A	ASSY P/MATERIAL;32R71,BORDEAUX	1	S.N.A

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
..2	T0376	6902-00061	BAG AIR;LDPE,T0.2,L1000,W500,TRP,,,	0.035	S.N.A
..2	T0376	6902-000379	BAG AIR;LDPE,T0.2,W1000,L1800,TRP,-,--	0.006	S.N.A
..2	T0081	6902-000604	BAG WRAPPING;LDPE,T0.02,W500,L10000,TRP,	6.45	S.N.A
..2	T0524	6902-000715	BAG PE;HDPE/NITRON,T0.015/T0.5,W1000,L10	1	S.N.A
0.1	M0003	BN92-01708J	ASSY BOX;32R74,EO(XEC),CAMBRIDGE	1	S.N.A
..2	T0130	BN69-01345G	BOX-00,SET;32R74,CB,DY-01,AB,YEL,A1,IDTV	1.02	S.N.A
0.1	M0019	BN92-01801T	ASSY LABEL;LE40R73BDX/XEE	1	S.N.A
0.1	M0045	BN92-02092A	ASSY ACCESSORY;LE32R73BDX/XEC	1	S.N.A
..2	M0045	BN96-04157L	ASSY ACCESSORY;LE32R73BDX/XEC	1	S.A
...3	T0268	3903-000145	CBF-POWER CORD;DT,EU,FP3/YES,U(IEC C13-R	1	S.A
...3	T0524	6902-000110	BAG PE;LDPE,T0.05,W250,L400,TRP,28,2	2	S.N.A
...3	ACCESSORY	AA68-03242E	MANUAL FLYER-01,SAFETY GUIDE;All Model,S	1	S.N.A
...3	ACCESSORY	AA68-03575A	MANUAL FLYER-01,REGISTRATION C;XEU,ENG,U	1	S.N.A
...3	ACCESSORY	AA68-03575B	MANUAL FLYER-010,REGISTRATION;XEG,GERMAN	1	S.N.A
...3	ACCESSORY	AA68-03575C	MANUAL FLYER-01,REGISTRATION C;XEF,FRENC	1	S.N.A
...3	ACCESSORY	AA68-03575D	MANUAL FLYER-02,REGISTRATION C;XEC,SPANI	1	S.N.A
...3	ACCESSORY	AA68-03575E	MANUAL FLYER-02,REGISTRATION C;XET,ITALY	1	S.N.A
...3	ACCESSORY	AA68-03575F	MANUAL FLYER-01,REGISTRATION C;XEN,DUTCH	1	S.N.A
...3	ACCESSORY	AA68-03575G	MANUAL FLYER-01,REGISTRATION C;XEP,PORTU	1	S.N.A
...3	T0074	BN59-00517A	REMOCON;SORRENTO,TM87B,45,SORRENTO,EUROP	1	S.A
...3	ACCESSORY	BN63-01798A	CLOTH-CLEAN;RE40**,CLOTH,310,320,RHCM	1	S.N.A
...3	T0531	BN63-02323A	COVER-BOTTOM;23,26,32R71,ABS+PMMA,HB,BK2	1	S.N.A
...3	T0238	BN68-00514C	MANUAL FLYER-WARRANTY CARD;comm,Samsung,	1	S.N.A
...3	T0511	BN68-01007Z	MANUAL USERS;LE26R73BD,SAMSUNG,Eng/Spa,S	1	S.N.A
...3	ACCESSORY	BN69-01086A	BOX ACCESSORY-00;COMM,SW1,YEL,-,W573,D63	1	S.N.A
...3	M0045	BN96-01800A	ASSY ACCESSORY;ROME32,SCREW	1	S.N.A
....4	T0081	6002-001294	SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK)	4	S.A
....4	ACCESSORY	6902-000128	BAG ZIPPER;LDPE,T0.05,W200,L150,TRP,8,2-	1	S.N.A



## 6 Electrical Parts List

### 6-5 LE40R74BD Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
0		LE40R74BDX/XEF	LE40R74BD,R62C/40R72-GLY,40,LCD-TV,FRANC	0	
1	M0216	BN90-00847A	ASSY STAND;40R71,BORDEAUX	1	SNA
..2	T0081	6002-001294	SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK)	4	SA
..2	M0013	BN96-03016A	ASSY STAND P-BASE;40R71,ABS+PMMA,HB,BK23	1	SA
...3	T0081	6002-001294	SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK)	4	SA
...3	M0081	6003-001239	SCREW-TAPTITE;FH,+,B,M4,L10,ZPC(YEL),SWR	4	SA
...3		BN61-02246A	GUIDE-STAND;40R71,ABS,V0,BLK	1	SNA
...3		BN61-02247A	HOLDER-SWIVEL RING;40R71,ACETAL,BLK	1	SNA
...3		BN61-02248A	HOLDER-SWIVEL RING;40R71,ACETAL NATUAL,T	1	SNA
...3		BN61-02249A	HOLDER-SWIVEL RING;40R71,ACETAL NATUAL,B	1	SNA
...3		BN61-02259A	BRACKET-STAND BOTTOM;BORDEAUX 40,SGHC,T3	1	SNA
...3		BN61-02260A	BRACKET-HINGE SWIVEL;BORDEAUX 40,SGHC,T3	1	SNA
...3	T0004	BN63-02364A	COVER-STAND BASE;40R71,ABS+PMMA,HB,BK23,	1	SNA
...3		BN63-02365A	COVER-STAND SUB;40R71,ABS+PMMA,HB,BK23,H	1	SNA
...3	T0132	BN73-00052A	RUBBER FOOT;ARES 17,SILICON,DIA 17 * T1.	4	SNA
...3	CCM1	BN63-02183E	COVER-SHEET;Rhcm,PE Vinyl,T0.05,750mm,20	0.5	SNA
...3	T0514	BN61-02368A	BRACKET-SUPPORT;BORDEAUX 40,SECC,T1.2	2	SNA
1	M0002	BN90-00872A	ASSY COVER REAR;40R73,EO,CAMBRIDGE	1	SNA
..2	T0081	6002-001294	SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK)	1	SA
..2	T0081	6002-001294	SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK)	2	SA
..2	T0081	6002-001294	SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK)	14	SA
..2	M0013	BN96-03243A	ASSY COVER P-REAR;40R73,EO,ABS+PMMA,HB,B	1	SA
...3	T0101	BN61-02032A	BRACKET-WALL;32,MGM,SECC,T1.6	1	SNA
...3	M0006	BN63-02457A	COVER-REAR;40R73,EO,ABS+PMMA,HB,BK23,H/G	1	SNA
...3	T0071	BN64-00444F	INLAY-TERMINAL;CAMBRIDGE32,37,40,PS SHEE	1	SNA
...3	CCM1	BN63-02183G	COVER-SHEET;Rhcm,PE Vinyl,T0.05,1100mm,2	1	SNA
...3	T0064	BN65-00002A	CLAMPER CORE;BORDEAUX,PP,V0,BLK	1	SNA
1	M0001	BN90-00890B	ASSY COVER FRONT;40R74,EO,CAMBRIDGE	1	SNA
..2	T0003	BN96-03258B	ASSY COVER P-FRONT;40R74,EO,ABS+PMMA,HB,	1	SA
...3	M0081	6003-001003	SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR	1	SNA
...3	M0081	6003-001003	SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR	2	SNA
...3	M0081	6003-001003	SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR	2	SNA
...3	T0060	BN61-02432A	SPRING ETC;STS-304 SUS,D8.3,L7,T0.5	1	SNA
...3	CCM1	BN63-02183G	COVER-SHEET;Rhcm,PE Vinyl,T0.05,1100mm,2	1.983	SNA
...3	M0112	BN63-02399B	COVER-FRONT;40R74,EO,ABS+PMMA,HB,BK23,S/	1	SNA
...3	T0056	BN63-02401A	COVER-DECORATION;BORDEAUX2 40,EO,HIPS,HB	1	SNA
...3	T0059	BN64-00379A	INDICATOR LED;ROME-II,23,PC,CLEAR	1	SNA
...3	T0061	BN64-00453A	WINDOW-REMOCON;32R71,PC,V0,VIOLET,DIFFUS	1	SNA
...3	T0054	BN64-00465A	KNOB-DECORATION;26,32,37,40R72,ABS,HB,GR	1	SNA
...3	T0023	BN64-00466A	KNOB POWER;BORDEAUX-2,26,32,40,ABS HB,G4	1	SNA
...3		BN96-03404A	ASSY BOARD P-FUNCTION&KNOB;Bordeaux,CT50	1	SNA
....4	T0022	BN64-00442A	KNOB CONTROL;26,32,40R71,PC,BLK,ACRYL CL	1	SNA
....4	M0145	BN96-03045A	ASSY BOARD P-FUNCTION;BORDEAUX,FUNCTION	1	SA
...3	M0146	BN96-03438A	ASSY BOARD P-POWER;BORDEAUX2,CT5000-4150	1	SA
...3	T0069	AA60-00091P	SPACER-FELT;FELT,500X10,BLK,T0.5	2	SNA
...3	T0069	AA60-00171L	SPACER-FELT;46L3,FELT,460,T0.5,10	2	SNA
..2	T0175	BN96-03266A	ASSY SPEAKER P;8ohm,Bordeuax2, 32,Left,1	1	SA
..2	T0175	BN96-03267A	ASSY SPEAKER P;8ohm,Bordeuax2, 32,Right,	1	SA
1	M0017	BN91-01006G	ASSY CHASSIS;LE32R73BDX/XEF	1	SNA
..2	T0422	BN94-00887A	ASSY PCB MISC-DTV MODULE;DTV MODULE,XEF	1	SNA
...3	T0245	0202-001522	SOLDER-WIRE FLUX;LFA3-107,-,D1.2,96.5Sn/	0.003	SNA
...3	CN902	3703-001124	CONNECTOR-BACK PANEL;32P,2R,MALE,ANGLE,A	1	SA
...3	CN902	3703-001124	CONNECTOR-BACK PANEL;32P,2R,MALE,ANGLE,A	1	SA
...3	DJ301	3709-001346	CONNECTOR-CARD SLOT;68P,0.27mm,ANGLE,AU1	1	SA
...3	DJ402	3722-001055	JACK-PHONE;5P/2C,AG,BLK,ANGLE	1	SA
...3	T0510	BN97-00843A	ASSY SMD-MAIN;DTV MODULE,XEF	1	SNA



Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	CIS05	0202-001477	SOLDER-CREAM;LST309-M,-,D20-45§,-96.5Sn/	0.465	SNA
....4	DQ701	0501-000434	TR-SMALL SIGNAL;KTC3875S-GR,NPN,150mW,SO	1	SA
....4	DQ401	0501-000669	TR-SMALL SIGNAL;KTA1505Y,PNP,150mW,SOT-2	1	SA
....4	DQ402	0501-000669	TR-SMALL SIGNAL;KTA1505Y,PNP,150mW,SOT-2	1	SA
....4	DQ703	0501-000669	TR-SMALL SIGNAL;KTA1505Y,PNP,150mW,SOT-2	1	SA
....4	DQ704	0501-000669	TR-SMALL SIGNAL;KTA1505Y,PNP,150mW,SOT-2	1	SA
....4	IC104	0801-002095	IC-CMOS LOGIC;74LCX245,TRANSCEIVER,TSSOP	1	SA
....4	IC104	0801-002237	IC-CMOS LOGIC;74V(A)HC1G04,INVERTER,SC70	1	SA
....4	IC104	0801-002394	IC-CMOS LOGIC;74LCX32,OR GATE,SOIC,14P,1	1	SA
....4	IC104	0801-002407	IC-CMOS LOGIC;74LCX08,AND GATE,SOIC,14P,	1	SA
....4	IC104	0801-002683	IC-CMOS LOGIC;74HCT245,TRANSCEIVER,TSSOP	1	SA
....4	IC104	0801-002709	IC-CMOS LOGIC;74HC373,D FLIP-FLOP,TSSOP,	1	SA
....4	IC104	0801-002709	IC-CMOS LOGIC;74HC373,D FLIP-FLOP,TSSOP,	1	SA
....4	IC107	1002-001227	IC-D/A CONVERTER;CS4340-KSR,24BIT,SOP,16	1	SA
....4	DU402	1006-001165	IC-LINE TRANSCEIVER;MAX3243CDBR,SSOP,28P	1	SA
....4	IC113	1105-001305	IC-DRAM;4S641632,-,64MBIT,1MX16X4BIT,TSO	1	SA
....4	IC113	1105-001308	IC-DRAM;K4S281632,128Mbit,8Mx16,TSOP,54P	1	SA
....4	DU701	1203-001824	IC-VOL. DETECTOR;7042,SOT-89,3P,-,PLASTI	1	SA
....4	T0087	1203-002842	IC-POS.FIXED REG.;AP1117D-33A,TO-252,3P	1	SA
....4	DU101	1204-002400	IC-DECODER;STI5517SUA,PBGA,416P,27x27mm,	1	SA
....4	DR155	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	DR156	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	DR140	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	DR154	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	DR158	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	DR159	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	DR811	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	DR812	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	DR907	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	OR112	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	OR113	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	DR1102	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	DR111	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	DR116	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	DR169	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	DR170	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	DR174	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	DR176	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	DR182	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	DR183	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	DR184	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	DR185	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	DR186	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	DR187	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	DR195	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	DR196	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	DR197	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	DR198	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	DR199	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	DR202	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	DR203	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	DR204	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	DR501	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	DR902	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	DR905	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	DR906	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	DR916	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	DR917	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	DR923	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	DR104	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA

## 6 Electrical Parts List

[illegible]

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	DR142	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	DR143	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	DR144	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	DR153	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	DR417	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	DR418	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	DR701	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	DR703	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	DR705	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	DR707	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	DR117	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	DR177	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	DR178	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	DR179	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	DR188	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	DR189	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	DR190	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	DR191	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	DR192	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	DR193	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	DR194	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	DR416	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	DR423	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	DR424	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	DR632	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	DR633	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	DR901	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	DR903	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	DR904	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	DR918	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	DR919	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	DR920	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	DR921	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	DR922	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	DR700	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	SA
....4	DR706	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	SA
....4	DR102	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	SA
....4	DR408	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	DR409	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	DR410	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	DR411	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	DR412	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	DR413	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	DR414	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	DR415	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	DR601	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	DR908	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	DR909	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	DR910	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	DR911	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	DR912	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	DR913	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	DR914	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	DR915	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	DR999	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	DR101	2007-000119	R-CHIP;560ohm,5%,1/10W,TP,1608	1	SA
....4	DR173	2007-000372	R-CHIP;130ohm,5%,1/10W,TP,1608	1	SA
....4	DR205	2007-000372	R-CHIP;130ohm,5%,1/10W,TP,1608	1	SA
....4	DR132	2007-000539	R-CHIP;200ohm,5%,1/10W,TP,1608	1	SA
....4	DR133	2007-000539	R-CHIP;200ohm,5%,1/10W,TP,1608	1	SA

## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	DR134	2007-000539	R-CHIP;200ohm,5%,1/10W,TP,1608	1	SA
....4	DR135	2007-000539	R-CHIP;200ohm,5%,1/10W,TP,1608	1	SA
....4	DR167	2007-000539	R-CHIP;200ohm,5%,1/10W,TP,1608	1	SA
....4	DR800	2007-000763	R-CHIP;330ohm,1%,1/10W,TP,1608	1	SA
....4	DR801	2007-000763	R-CHIP;330ohm,1%,1/10W,TP,1608	1	SA
....4	DR802	2007-000763	R-CHIP;330ohm,1%,1/10W,TP,1608	1	SA
....4	DR803	2007-000763	R-CHIP;330ohm,1%,1/10W,TP,1608	1	SA
....4	DR804	2007-000763	R-CHIP;330ohm,1%,1/10W,TP,1608	1	SA
....4	DR805	2007-000763	R-CHIP;330ohm,1%,1/10W,TP,1608	1	SA
....4	DR806	2007-000763	R-CHIP;330ohm,1%,1/10W,TP,1608	1	SA
....4	DR807	2007-000763	R-CHIP;330ohm,1%,1/10W,TP,1608	1	SA
....4	DR420	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	SA
....4	DR421	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	SA
....4	DRA103	2011-001011	R-NET;10Kohm,5%,1/16W,L,CHIP,8P,TP,3.2x1	1	SA
....4	DRA401	2011-001011	R-NET;10Kohm,5%,1/16W,L,CHIP,8P,TP,3.2x1	1	SA
....4	DRA108	2011-001410	R-NET;120OHM,5%,1/16W,L,CHIP,8P,TP,3.2X1	1	SA
....4	DRA109	2011-001410	R-NET;120OHM,5%,1/16W,L,CHIP,8P,TP,3.2X1	1	SA
....4	DRA110	2011-001410	R-NET;120OHM,5%,1/16W,L,CHIP,8P,TP,3.2X1	1	SA
....4	DRA111	2011-001410	R-NET;120OHM,5%,1/16W,L,CHIP,8P,TP,3.2X1	1	SA
....4	DRA112	2011-001410	R-NET;120OHM,5%,1/16W,L,CHIP,8P,TP,3.2X1	1	SA
....4	DRA113	2011-001410	R-NET;120OHM,5%,1/16W,L,CHIP,8P,TP,3.2X1	1	SA
....4	DRA114	2011-001410	R-NET;120OHM,5%,1/16W,L,CHIP,8P,TP,3.2X1	1	SA
....4	DRA115	2011-001410	R-NET;120OHM,5%,1/16W,L,CHIP,8P,TP,3.2X1	1	SA
....4	DRA116	2011-001410	R-NET;120OHM,5%,1/16W,L,CHIP,8P,TP,3.2X1	1	SA
....4	DRA117	2011-001410	R-NET;120OHM,5%,1/16W,L,CHIP,8P,TP,3.2X1	1	SA
....4	DRA118	2011-001410	R-NET;120OHM,5%,1/16W,L,CHIP,8P,TP,3.2X1	1	SA
....4	DRA119	2011-001410	R-NET;120OHM,5%,1/16W,L,CHIP,8P,TP,3.2X1	1	SA
....4	DRA120	2011-001410	R-NET;120OHM,5%,1/16W,L,CHIP,8P,TP,3.2X1	1	SA
....4	DRA121	2011-001410	R-NET;120OHM,5%,1/16W,L,CHIP,8P,TP,3.2X1	1	SA
....4	DRA122	2011-001410	R-NET;120OHM,5%,1/16W,L,CHIP,8P,TP,3.2X1	1	SA
....4	DRA123	2011-001410	R-NET;120OHM,5%,1/16W,L,CHIP,8P,TP,3.2X1	1	SA
....4	DRA124	2011-001410	R-NET;120OHM,5%,1/16W,L,CHIP,8P,TP,3.2X1	1	SA
....4	DRA125	2011-001410	R-NET;120OHM,5%,1/16W,L,CHIP,8P,TP,3.2X1	1	SA
....4	DC100	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	DC102	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	DC105	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	DC107	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	DC109	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	DC111	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	DC112	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	DC114	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	DC116	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	DC118	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	DC801	2203-000659	C-CER,CHIP;0.27nF,5%,50V,C0G,1608	1	SA
....4	DC804	2203-000659	C-CER,CHIP;0.27nF,5%,50V,C0G,1608	1	SA
....4	DC807	2203-000659	C-CER,CHIP;0.27nF,5%,50V,C0G,1608	1	SA
....4	DC810	2203-000659	C-CER,CHIP;0.27nF,5%,50V,C0G,1608	1	SA
....4	DC155	2203-001630	C-CER,CHIP;330nF,+80-20%,16V,Y5V,1608	1	SA
....4	DC700	2203-001630	C-CER,CHIP;330nF,+80-20%,16V,Y5V,1608	1	SA
....4	DC701	2203-001630	C-CER,CHIP;330nF,+80-20%,16V,Y5V,1608	1	SA
....4	DC101	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	DC103	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	DC104	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	DC106	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	DC108	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	DC110	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	DC113	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	DC115	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	DC117	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	DC119	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA

[illegible]

## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	DC907	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	DC909	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	DC910	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	DC915	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	DC916	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	DC921	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	DC922	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	DC9906	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	DC121	2402-000108	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.2m	1	SA
....4	DC122	2402-000108	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.2m	1	SA
....4	DC123	2402-000108	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.2m	1	SA
....4	DC124	2402-000108	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.2m	1	SA
....4	DC125	2402-000108	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.2m	1	SA
....4	DC602	2402-000108	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.2m	1	SA
....4	DC154	2402-001128	C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM	1	SA
....4	DC522	2402-001128	C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM	1	SA
....4	DC611	2402-001128	C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM	1	SA
....4	DC634	2402-001128	C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM	1	SA
....4	DC901	2402-001128	C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM	1	SA
....4	DC904	2402-001128	C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM	1	SA
....4	DC635	2402-001158	C-AL,SMD;1UF,20%,50V,WT,TP,4X5.2MM	1	SA
....4	DC636	2402-001158	C-AL,SMD;1UF,20%,50V,WT,TP,4X5.2MM	1	SA
....4	DC637	2402-001159	C-AL,SMD;3.3UF,20%,50V,WT,TP,4X5.2MM	1	SA
....4	DC638	2402-001159	C-AL,SMD;3.3UF,20%,50V,WT,TP,4X5.2MM	1	SA
....4	DC202	2402-001216	C-AL,SMD;470uF,20%,16V,WT,TP,10.3x10.3x1	1	SA
....4	DC613	2402-001216	C-AL,SMD;470uF,20%,16V,WT,TP,10.3x10.3x1	1	SA
....4	T0052	2703-000125	INDUCTOR-SMD;10uH,10%,2012	1	SA
....4	T0052	2703-000125	INDUCTOR-SMD;10uH,10%,2012	1	SA
....4	T0052	2703-000125	INDUCTOR-SMD;10uH,10%,2012	1	SA
....4	T0052	2703-000125	INDUCTOR-SMD;10uH,10%,2012	1	SA
....4	DX601	2806-001308	OSCILLATOR-VCXO;27MHZ,-,30PF,TP,3.3V,50M	1	SA
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	SNA
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	SNA
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	SNA
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	SNA
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	SNA
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	SNA
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	SNA
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	SNA
....4	MP1.1	BN41-00684A	PCB-DIGITAL B/D;BORDEAUX,FR-4,6L,1.0,1.6	1	SNA
....4	M0018	BN97-00805L	ASSY MICOM;T-XXXX-XXXX,DTV MODULE,XEF,20	1	SA
....5	IC115	1107-001475	IC-FLASH MEMORY;29LV320,32MBIT,4MX8/2MX1	1	SA
....4	IC104	0801-002172	IC-CMOS LOGIC;74LCX16244,BUFFER/LINE DRI	1	SA
....4	T0087	1203-003704	IC-POSI.FIXED REG.;G953-18T6U,SOT-223,3P	1	SA
..2	M0014	BN94-01001B	ASSY PCB MAIN-AMZ;LE32R74BDX/*	1	SA
...3	T0245	0202-001522	SOLDER-WIRE FLUX;LFA3-107,-,D1.2,96.5Sn/	0.25	SNA
...3	JA2007	3701-001294	CONNECTOR-DSUB;15P,3R,FEMALE,STRAIGHT,AU	1	SA
...3	CN902	3703-001600	CONNECTOR-BACK PANEL;32P,2R,FEMALE,ANGLE	1	SA
...3	CN902	3703-001600	CONNECTOR-BACK PANEL;32P,2R,FEMALE,ANGLE	1	SA
...3	CN4002	3711-004484	HEADER-BOARD TO CABLE;BOX,5P,1R,2mm,STRA	1	SA
...3	CN2002_32	3711-004909	HEADER-BOARD TO CABLE;BOX,14P,2R,2MM,ANG	1	SA
...3	CN4004	3711-005606	HEADER-BOARD TO CABLE;BOX,30P,2R,2mm,STR	1	SA
...3	CN1001	3711-005942	HEADER-BOARD TO CABLE;BOX,16P,1R,2mm,STR	1	SA
...3	JA2001	3722-000498	JACK-SCART;21P,-,SN,BLK,NO	1	SA
...3	JA2005	3722-000498	JACK-SCART;21P,-,SN,BLK,NO	1	SA
...3	JA2003	3722-001061	JACK-PHONE;1P,3.6PI,AG,BLK,N	1	SA
...3	JA2006	3722-001061	JACK-PHONE;1P,3.6PI,AG,BLK,N	1	SA
...3	JA2010	3722-002360	JACK-PIN;3P,AU,GRN/BLU/RED,STRAIGHT	1	SA
...3	JA2002	3722-002362	JACK-PIN;2P,Sn,WHT/RED,STRAIGHT	1	SA
...3	JA2004	3722-002362	JACK-PIN;2P,Sn,WHT/RED,STRAIGHT	1	SA



Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
...3	JA2009	3722-002362	JACK-PIN;2P,Sn,WHT/RED,STRAIGHT	1	SA
...3	T0562	6046-001013	STAND OFF;M3,L5,Ni PLT,SUM24L,#4-40	2	SNA
...3	CIS3	BN40-00080A	TUNER;DNOS403ZH261B(S),DNOS403ZH261B(S),	1	SA
...3	T0852	BN96-01470A	ASSY BOARD P-OPTICAL;HP-P5581,OPTICAL	1	SA
....4	CN906	3707-001067	CONNECTOR-OPTICAL;PLUG,SM,-.4.4/2.0mm	1	SA
...3	T0174	BN97-01036B	ASSY SMD;LE32R74BDX*	1	SNA
....4	CIS05	0202-001477	SOLDER-CREAM;LST309-M,-.D20-45\$,96.5Sn/	3.577	SNA
....4	D2003	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
....4	D2010	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
....4	D2011	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
....4	D2012	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
....4	D2013	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
....4	D2016	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
....4	D2017	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
....4	D2018	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
....4	D2019	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
....4	D2020	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
....4	D2021	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
....4	D2022	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
....4	D2023	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
....4	D2032	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
....4	D2033	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
....4	D2034	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
....4	D2044	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
....4	D2057	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
....4	D5001	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
....4	D5002	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
....4	D5003	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
....4	D5004	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
....4	D5005	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
....4	D5006	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
....4	D1001	0402-000553	DIODE-SCHOTTKY;"SS24,B240",40V,2000mA,DO	1	SA
....4	D1004	0402-000553	DIODE-SCHOTTKY;"SS24,B240",40V,2000mA,DO	1	SA
....4	D1008	0403-000258	DIODE-ZENER;BZX84C5V6,5.2-6V,225mW,SOT-2	1	SA
....4	D3003	0403-000258	DIODE-ZENER;BZX84C5V6,5.2-6V,225mW,SOT-2	1	SA
....4	D2001	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
....4	D2002	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
....4	D2040	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
....4	D2041	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
....4	D2042	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
....4	D2043	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
....4	D2064	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
....4	D2065	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
....4	D3006	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
....4	D3008	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
....4	D4001	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
....4	D4002	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
....4	D4003	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
....4	D4005	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
....4	D4006	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
....4	D4007	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
....4	D4008	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
....4	D4009	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
....4	D4010	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
....4	D4011	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
....4	D4012	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
....4	D2004	0403-001016	DIODE-ZENER;RLZ6.2B,5.96-6.27V,500mW,LL-	1	SA
....4	D2009	0403-001169	DIODE-ZENER;RLZ16C,15.96-16.51V,500MW,LL	1	SA
....4	D2039	0403-001169	DIODE-ZENER;RLZ16C,15.96-16.51V,500MW,LL	1	SA
....4	D2005	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA

## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	D2006	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D2007	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D2008	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D2014	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D2015	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D2024	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D2025	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D2026	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D2027	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D2028	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D2029	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D2030	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D2031	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D2035	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D2036	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D2037	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D2038	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D2051	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D2052	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D2054	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D2055	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D2056	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D1002	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	SA
....4	D1009	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	SA
....4	D3001	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	SA
....4	D3002	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	SA
....4	D3007_32	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	SA
....4	Q1007	0501-000280	TR-SMALL SIGNAL;KSA1182,PNP,150MW,SOT-23	1	SA
....4	Q1001	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q1002	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q1005	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q1006	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q1008	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q1009	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q1010	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q1011	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q1013	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q1014	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q2001	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q3001	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q3003	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q3008	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q3010	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q3011	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q4001	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q5010	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q1003	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	SA
....4	Q1004	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	SA
....4	Q5011	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	SA
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	SA
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	SA
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	SA
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	SA
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	SA
....4	Q409	0505-001170	FET-SILICON;SI9933ADY-T1,P,-20V,3.4A,0.0	1	SA
....4	IC104	0801-002095	IC-CMOS LOGIC;74LCX245,TRANSCEIVER,TSSOP	1	SA
....4	IC3002	0903-001432	IC-MICROCOMPUTER;M30840SGP,16Bit,LQFP,10	1	SA
....4	IC1003	1001-000164	IC-ANALOG MULTIPLEX;74HC4052,CMOS,SOP,16	1	SA
....4	IC1006	1001-000164	IC-ANALOG MULTIPLEX;74HC4052,CMOS,SOP,16	1	SA
....4	IC106	1001-001082	IC-VIDEO SWITCH;BA7657F,-,SOP,24P,300MIL	1	SA



Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	IC3006	1001-001109	IC-ANALOG SWITCH;FST3125M,BUS SWITCH & C	1	SA
....4	IC5005	1001-001109	IC-ANALOG SWITCH;FST3125M,BUS SWITCH & C	1	SA
....4	IC107	1002-001399	IC-D/A CONVERTER;PCM1754,24BIT,SSOP,16P,	1	SA
....4	IC110	1006-001076	IC-DRIVER/RECEIVER;MAX232ECWE+T,SOP,16P,	1	SA
....4	IC112	1103-000129	IC-EEPROM;24C02,2Kbit,256x8Bit,SOP,8P,5x	1	SA
....4	IC112	1103-000129	IC-EEPROM;24C02,2Kbit,256x8Bit,SOP,8P,5x	1	SA
....4	IC112	1103-001279	IC-EEPROM;24C32,32Kbit,4Kx8Bit,SOP,8P,5x	1	SA
....4	IC5002	1105-001538	IC-VIDEO RAM;K4D263238,-,128M,4x1Mx32Bit	1	SA
....4	DU410	1201-000166	IC-OP AMP;LM358,SOP,ST,8P,150ML,DUAL,10	1	SA
....4	T0085	1201-002136	IC-AUDIO AMP;LM4810,MSOP,8P,3x3mm,DUAL,-	1	SA
....4	T0085	1201-002246	IC-AUDIO AMP;STA323W,SO,36P,15.9x11mm,-,	1	SA
....4	IC150	1203-001009	IC-SWITCH REG.;3172,SOP,8P,244MIL,PLASTI	1	SA
....4	IC3009	1203-001559	IC-RESET;DS1834A,SOIC,8P,150MIL,PLASTIC,	1	SA
....4	T0087	1203-001815	IC-POS.FIXED REG.;78M09,TO-252,3P,-,PLA	1	SA
....4	T0087	1203-001816	IC-POS.FIXED REG.;78M08,TO-252,3P,-,PLA	1	SA
....4	IC3008_32	1203-001824	IC-VOL. DETECTOR;7042,SOT-89,3P,-,PLASTI	1	SA
....4	T0087	1203-002842	IC-POS.FIXED REG.;AP1117D-33A,TO-252,3P	1	SA
....4	T0087	1203-002842	IC-POS.FIXED REG.;AP1117D-33A,TO-252,3P	1	SA
....4	T0087	1203-002842	IC-POS.FIXED REG.;AP1117D-33A,TO-252,3P	1	SA
....4	T0087	1203-002855	IC-POS.FIXED REG.;MC33269DTRK-5.0,DPRK,	1	SA
....4	T0087	1203-002974	IC-POS.FIXED REG.;AP1117D-25A,TO-252,3P	1	SA
....4	T0170	1203-003059	IC-SWITCH VOL. REG.;MP1583,SOIC,8P,4.9x3	1	SA
....4	IC1009	1204-002464	IC-AUDIO PROCESSOR;STV8257DSX,TQFP,80P,1	1	SA
....4	IC118	1204-002503	IC-VIDEO PROCESS;SVP-PX56-7256,PQFP,256P	1	SNA
....4	R2024	2007-000040	R-CHIP;150ohm,1%,1/10W,TP,1608	1	SA
....4	R5026	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	SA
....4	R5029	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	SA
....4	R3088	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	R3100	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	R3101	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	R3102	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	R3103	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	R3104	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	R3105	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	R3106	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	R3107	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	R3130	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	R3141	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	R5013	2007-000060	R-CHIP;100Kohm,1%,1/10W,TP,1608	1	SA
....4	R1066	2007-000067	R-CHIP;15Kohm,1%,1/10W,TP,1608	1	SA
....4	R1059	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R1085	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R1086	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R1087	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R2055	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R2064	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R2069_32	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R2070_32	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R2071_32	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R2080	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R2088_32	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R2089_32	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R2090_32	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R2091_32	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3003	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3019	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3024	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3025_LVDS	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3026	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3027	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA

## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R3028	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3029	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3031	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3032	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3033	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3035	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3037	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3039	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3040	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3041	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3043	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3047_LVDS	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3089	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3090	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3117	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3118	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3132	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R4001	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R4002	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R4003	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R4012	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R4016	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R4017	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R4018	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R4019	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R4032	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R4033	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R4035	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R4051_32	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R4086_EN	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R4090	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R5012	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R5014	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R5068	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R5076	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R5084	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R5087	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R5099	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R5100	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R5101	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R5103	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R5115	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R5116	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R5117	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R5120	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R1084	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R1095	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R2050	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R2063	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R2106	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R2107	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R2108	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R2109	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R2110	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R2111	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R2112	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R2113	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R4015	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R4020	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R4093	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA

[illegible]

## 6 Electrical Parts List

[illegible]

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R2079	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
....4	R3128	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
....4	R3133	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
....4	R4030	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
....4	R4031	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
....4	R4099	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
....4	R5091	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
....4	R5093	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
....4	R1074	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R2009	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R2016	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R3001	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R3030	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R3121	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R3138	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R3139	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R4025	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R4026	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R4027	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R4034	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R4053	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R4096	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R4103	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R5043	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R3016	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	SA
....4	R3017	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	SA
....4	R3071	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	SA
....4	R3072	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	SA
....4	R4100	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	SA
....4	R4101	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	SA
....4	R1031	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R1035	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R1058	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R1060	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R1082	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3002	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3014	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3015	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3018	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3020	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3021	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3022	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3036	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3038	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3070	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3079	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3080	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3081	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3082	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3086	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3087	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3108	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3109	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3110	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3111	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3112	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3113	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3114	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3116	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3129	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA

## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R3134	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3137	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R4036	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R4037	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R4098	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R4123	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R5064	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R2028	2007-000087	R-CHIP;6.8Kohm,5%,1/10W,TP,1608	1	SA
....4	R2061	2007-000087	R-CHIP;6.8Kohm,5%,1/10W,TP,1608	1	SA
....4	R1015	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R1016	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R1038	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R1039	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R1041	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R1051	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R1067	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R1080	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R1101	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R1102	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R1103	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R1104	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R1105	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R2002	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R2003	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R2013	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R2044	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R2045	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R2057	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R2065	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R3005	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R3006	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R3007	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R3075	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R3076	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R3083	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R3084	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R3085	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R3131	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R3140	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R4118	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R4119	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R5004	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R5044	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R1070	2007-000093	R-CHIP;20Kohm,5%,1/10W,TP,1608	1	SA
....4	R1071	2007-000093	R-CHIP;20Kohm,5%,1/10W,TP,1608	1	SA
....4	R3004	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608	1	SA
....4	R5119	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608	1	SA
....4	R1062	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	SA
....4	R1068	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	SA
....4	R1075	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	SA
....4	R1079	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	SA
....4	R2010	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	SA
....4	R2011	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	SA
....4	R2012	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	SA
....4	R3099	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	SA
....4	R1001	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R1002	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R1003	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R1004	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R1005	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R1006	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R1007	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R1008	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R1019	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R1020	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R1021	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R1022	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R1023	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R1024	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R1025	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R1026	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R1027	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R1028	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R1029	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R1030	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R1043	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R1044	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R1045	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R1046	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R1034	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	SA
....4	R1064	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	SA
....4	R1065	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	SA
....4	R1069	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	SA
....4	R1072	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	SA
....4	R1073	2007-000107	R-CHIP;470Kohm,5%,1/10W,TP,1608	1	SA
....4	R4021	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	R4022	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	R4023	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	R4024	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	R1036	2007-000119	R-CHIP;560ohm,5%,1/10W,TP,1608	1	SA
....4	R1078	2007-000122	R-CHIP;1.2Kohm,5%,1/10W,TP,1608	1	SA
....4	R5053	2007-000123	R-CHIP;1.5Kohm,5%,1/10W,TP,1608	1	SA
....4	R5054	2007-000123	R-CHIP;1.5Kohm,5%,1/10W,TP,1608	1	SA
....4	R5055	2007-000123	R-CHIP;1.5Kohm,5%,1/10W,TP,1608	1	SA
....4	R1096	2007-000125	R-CHIP;3.9Kohm,5%,1/10W,TP,1608	1	SA
....4	R1076	2007-000129	R-CHIP;27Kohm,5%,1/10W,TP,1608	1	SA
....4	R5015	2007-000133	R-CHIP;330Kohm,5%,1/10W,TP,1608	1	SA
....4	R2119	2007-000287	R-CHIP;100OHM,1%,1/10W,TP,1608	1	SA
....4	R2098	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R2099	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R2100	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R2101	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R2102	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R2103	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R2104	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R2105	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R3044	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R3048	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R3049_1M	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R3050_1M	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R3056	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R3060	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R3061	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R3064	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R3066	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R3067	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R3068	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R3069	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R3091	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R3092	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA



## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R3093	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R3094	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R3095	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R3096	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R3097	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R3098	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R5045	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R5046	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R5047	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R2017	2007-000458	R-CHIP;18Kohm,5%,1/10W,TP,1608	1	SA
....4	R2052	2007-000458	R-CHIP;18Kohm,5%,1/10W,TP,1608	1	SA
....4	R3012	2007-000704	R-CHIP;3.6Kohm,5%,1/10W,TP,1608	1	SA
....4	R3013	2007-000704	R-CHIP;3.6Kohm,5%,1/10W,TP,1608	1	SA
....4	R1077	2007-000708	R-CHIP;3.9Kohm,1%,1/10W,TP,1608	1	SA
....4	R4122	2007-000903	R-CHIP;430ohm,1%,1/10W,TP,1608	1	SA
....4	R2019	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R2020	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R2021	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R2066	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R2067	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R2076	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R2078	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R2082	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R2083	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R2094	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R2095	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R5035	2007-001014	R-CHIP;51OHM,5%,1/10W,TP,1608	1	SA
....4	R5039	2007-001014	R-CHIP;51OHM,5%,1/10W,TP,1608	1	SA
....4	R2030	2007-001131	R-CHIP;68ohm,1%,1/10W,TP,1608	1	SA
....4	R2056	2007-001131	R-CHIP;68ohm,1%,1/10W,TP,1608	1	SA
....4	R2014	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R2015	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R2025	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R2026	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R2027	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R2032	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R2062	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R2085	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R2086	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R2087	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R2036	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	SA
....4	R2038	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	SA
....4	R2041	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	SA
....4	R2046	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	SA
....4	R2047	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	SA
....4	R2048	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	SA
....4	R2054	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	SA
....4	R2059	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	SA
....4	R5016	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	SA
....4	R1057	2007-007299	R-CHIP;6.81Kohm,1%,1/10W,TP,1608	1	SA
....4	R2118	2007-007733	R-CHIP;51ohm,1%,1/10W,TP,1608	1	SA
....4	R1083	2007-008720	R-CHIP;4.7ohm,1%,1/4W,TP,3216	1	SA
....4	R1088	2007-008720	R-CHIP;4.7ohm,1%,1/4W,TP,3216	1	SA
....4	R1094	2007-008720	R-CHIP;4.7ohm,1%,1/4W,TP,3216	1	SA
....4	R1097	2007-008720	R-CHIP;4.7ohm,1%,1/4W,TP,3216	1	SA
....4	RA5001	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	RA5002	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	RA5003	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	RA5004	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	RA5005	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA



Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	RA5006	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	RA5007	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	RA5010	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	RA3004	2011-000651	R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA3005	2011-000651	R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA3007	2011-000651	R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA3008	2011-000651	R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA3009	2011-000651	R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA3011	2011-000651	R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA3001	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA3002	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA3003	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA3006	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA3010	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA3012	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA3013	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA3014	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA3015	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA3016	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA3017	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA3018	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA3019	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA3020	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA4001	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA4002	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	C1158	2203-000125	C-CER,CHIP;1.2nF,10%,50V,X7R,TP,1608,-	1	SA
....4	C1037	2203-000140	C-CER,CHIP;1.5nF,10%,50V,X7R,1608	1	SA
....4	C1062	2203-000140	C-CER,CHIP;1.5nF,10%,50V,X7R,1608	1	SA
....4	C1004	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C1006	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C1008	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C1016	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C1021	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C1025	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C1027	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C1043	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C1046	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C1052	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C1053	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C1054	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C1055	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C1075	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C1084	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C1086	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C1087	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C1097	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C1098	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C1103	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C1105	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C1109	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C1124	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C1132	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C1133	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C1141	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C1159	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C1168	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C2002	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C2018	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C3001	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C3005	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA

## 6 Electrical Parts List

[illegible]

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C1135	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C1161	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C1162	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C1163	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C2003	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C2004	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C2005	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C2006	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C2007	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C2011	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C2012	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C2013	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C2014	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C2019	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C2020	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C2022_DE	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C2023	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C2024	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C2025	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C2027	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C2028	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C2032	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C3024	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C3025	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C5059	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C5068	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C5069	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C5084	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C5085	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C1002	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C1005	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C1013	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C1022	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C1026	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C1034	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C1049	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C1094	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C3035	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C4005	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C4006	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C4007	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C4008	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C4009	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C4124	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C5006	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C5007	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C5008	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C5009	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C5010	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C5017	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C5036	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C5040	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C5061	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C5062	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C5064	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C1110	2203-000426	C-CER,CHIP;0.018nF,5%,50V,C0G,1608	1	SA
....4	C1121	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C3002	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C3003	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C3007	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA

## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C3020	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C3021	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C3029	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C4119	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C5087	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C4058	2203-000531	C-CER,CHIP;2.7nF,10%,50V,X7R,1608	1	SA
....4	C4066	2203-000531	C-CER,CHIP;2.7nF,10%,50V,X7R,1608	1	SA
....4	C4001	2203-000552	C-CER,CHIP;0.02nF,5%,50V,C0G,1608	1	SA
....4	C4011	2203-000552	C-CER,CHIP;0.02nF,5%,50V,C0G,1608	1	SA
....4	C1070	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	SA
....4	C1082	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	SA
....4	C3012	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	SA
....4	C3013	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	SA
....4	C3030	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	SA
....4	C3031	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	SA
....4	C1111	2203-000715	C-CER,CHIP;3.3nF,10%,50V,X7R,1608	1	SA
....4	C1142	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	SA
....4	C1152	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	SA
....4	C2009	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	SA
....4	C2010	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	SA
....4	C2015	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	SA
....4	C2016	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	SA
....4	C2026	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	SA
....4	C5076	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	SA
....4	C5077	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	SA
....4	C1100	2203-000798	C-CER,CHIP;33nF,10%,16V,X7R,TP,1608,-	1	SA
....4	C1101	2203-000798	C-CER,CHIP;33nF,10%,16V,X7R,TP,1608,-	1	SA
....4	C2029	2203-000815	C-CER,CHIP;0.033nF,5%,50V,C0G,1608	1	SA
....4	C2030	2203-000815	C-CER,CHIP;0.033nF,5%,50V,C0G,1608	1	SA
....4	C2031	2203-000815	C-CER,CHIP;0.033nF,5%,50V,C0G,1608	1	SA
....4	C5056	2203-000815	C-CER,CHIP;0.033nF,5%,50V,C0G,1608	1	SA
....4	C5057	2203-000815	C-CER,CHIP;0.033nF,5%,50V,C0G,1608	1	SA
....4	C5058	2203-000815	C-CER,CHIP;0.033nF,5%,50V,C0G,1608	1	SA
....4	C1119	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	SA
....4	C1120	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	SA
....4	C4003	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	SA
....4	C4004	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	SA
....4	C5003	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	SA
....4	C5004	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	SA
....4	C1063	2203-000972	C-CER,CHIP;47nF,10%,16V,X7R,1608	1	SA
....4	C2008	2203-000998	C-CER,CHIP;0.047nF,5%,50V,C0G,1608	1	SA
....4	C2021	2203-000998	C-CER,CHIP;0.047nF,5%,50V,C0G,1608	1	SA
....4	C5063	2203-000998	C-CER,CHIP;0.047nF,5%,50V,C0G,1608	1	SA
....4	C1056	2203-001402	C-CER,CHIP;220nF,+80-20%,16V,Y5V,TP,1608	1	SA
....4	C1164	2203-001607	C-CER,CHIP;0.22nF,5%,50V,NP0,1608	1	SA
....4	C1114	2203-001652	C-CER,CHIP;470nF,+80-20%,16V,Y5V,1608	1	SA
....4	C1116	2203-001652	C-CER,CHIP;470nF,+80-20%,16V,Y5V,1608	1	SA
....4	C1038	2203-001656	C-CER,CHIP;0.47nF,5%,50V,NP0,1608	1	SA
....4	C1061	2203-001656	C-CER,CHIP;0.47nF,5%,50V,NP0,1608	1	SA
....4	C3039	2203-001656	C-CER,CHIP;0.47nF,5%,50V,NP0,1608	1	SA
....4	C1117	2203-001724	C-CER,CHIP;4700nF,+80-20%,16V,Y5V,3216	1	SA
....4	C1003	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C1011	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C1032	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C1039	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C1066	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C1068	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C1071	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C1072	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C1073	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C1074	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C1078	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C1079	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C1093	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C1104	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C1108	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C1129	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C1130	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C1148	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C1169	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C1171	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C1173	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C3009	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C3010	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C3014	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C3015	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C3016	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C3018	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C3019	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C3022	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C3026	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C3027	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C3032	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C3037	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C3040	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C3042	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C3044	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C3046	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C3047	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C3049	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C4002	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C4125	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C4126	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C4129	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C5001	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C5002	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C5011	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C5012	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C5021	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C5023	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C5039	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C5054	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C1143	2203-005030	C-CER,CHIP;470nF,+80-20%,50V,Y5V,TP,3216	1	SA
....4	C1153	2203-005030	C-CER,CHIP;470nF,+80-20%,50V,Y5V,TP,3216	1	SA
....4	C1031	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	SA
....4	C1040	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	SA
....4	C1155	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	SA
....4	C2038	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	SA
....4	C3023	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	SA
....4	C3033	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	SA
....4	C4117	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	SA
....4	C4118	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	SA
....4	C1122	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C1131	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C1137	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C1138	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C1140	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C1144	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C1145	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C1146	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA

## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C1147	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C1149	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C1150	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C1154	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C1156	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C1157	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C1160	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C1166	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C4014	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C4015	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C4024	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C4033	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C4037	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C4044	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C4050	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C4065	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C4074	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C4075	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C4078	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C4079	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C4087	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C4088	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C4089	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C4090	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C4091	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C4092	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C4093	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C4094	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C1001	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1012	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1014	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1017	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1018	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1019	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1020	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1023	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1024	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1030	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1033	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1035	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1041	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1044	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1045	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1047	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1048	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1051	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1058	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1060	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1065	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1076	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1080	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1081	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1083	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1085	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1088	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1089	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1090	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1091	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1092	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1096	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA



Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C1099	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1126	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1136	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1172	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C3017	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C4057	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C4064	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C4072	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C4082	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C4122	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C5083	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C5086	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C2001	2402-000108	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.2m	1	SA
....4	C5037	2402-000108	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.2m	1	SA
....4	C5041	2402-000108	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.2m	1	SA
....4	C5024	2402-000179	C-AL,SMD;47uF,20%,16V,GP,TP,6.6x6.6x5.7m	1	SA
....4	C4012	2402-001059	C-AL,SMD;220UF,20%,6.3V,-,TP,6X6.6X6.6	1	SA
....4	C4013	2402-001059	C-AL,SMD;220UF,20%,6.3V,-,TP,6X6.6X6.6	1	SA
....4	C1102	2402-001081	C-AL,SMD;100uF,20%,25V,WT,TP,8.3x8.3x10	1	SA
....4	C1125	2402-001083	C-AL,SMD;100uF,20%,50V,GP,TP,10x10.3x10m	1	SA
....4	C5032	2402-001097	C-AL,SMD;0.1UF,20%,50V,WT,TP,4.3X4.3X5.2	1	SA
....4	C5033	2402-001097	C-AL,SMD;0.1UF,20%,50V,WT,TP,4.3X4.3X5.2	1	SA
....4	C1009	2402-001128	C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM	1	SA
....4	C1010	2402-001128	C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM	1	SA
....4	C1015	2402-001128	C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM	1	SA
....4	C1029	2402-001128	C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM	1	SA
....4	C1036	2402-001128	C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM	1	SA
....4	C1042	2402-001128	C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM	1	SA
....4	C1059	2402-001128	C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM	1	SA
....4	C1112	2402-001128	C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM	1	SA
....4	C1113	2402-001128	C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM	1	SA
....4	C1115	2402-001128	C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM	1	SA
....4	C1123	2402-001128	C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM	1	SA
....4	C1007	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	SA
....4	C1028	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	SA
....4	C1064	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	SA
....4	C1069	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	SA
....4	C1107	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	SA
....4	C3036	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	SA
....4	C3038	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	SA
....4	C4010	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	SA
....4	C5042	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	SA
....4	C1106	2402-001160	C-AL,SMD;330UF,20%,16V,WT,TP,1008	1	SA
....4	C1077	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	SA
....4	C1139	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	SA
....4	C2017	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	SA
....4	C3004	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	SA
....4	C3006	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	SA
....4	C3008	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	SA
....4	C3011	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	SA
....4	C3028	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	SA
....4	C3041	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	SA
....4	C3043	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	SA
....4	C3045	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	SA
....4	C3048	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	SA
....4	C3050	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	SA
....4	C3051	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	SA
....4	C1057	2402-001183	C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM	1	SA
....4	C1128	2402-001183	C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM	1	SA
....4	C1167	2402-001183	C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM	1	SA

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Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C1170	2402-001183	C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM	1	SA
....4	C4123	2402-001183	C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM	1	SA
....4	C5005	2402-001183	C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM	1	SA
....4	C5016	2402-001183	C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM	1	SA
....4	C1127	2402-001221	C-AL,SMD;470UF,20%,16V,-,TP,A8.3XB8.3XL1	1	SA
....4	C1165	2402-001221	C-AL,SMD;470UF,20%,16V,-,TP,A8.3XB8.3XL1	1	SA
....4	C4030	2402-001226	C-AL,SMD;4.7UF,20%,35V,HR,TP,4.3X4.3X5.8	1	SA
....4	C4047	2402-001226	C-AL,SMD;4.7UF,20%,35V,HR,TP,4.3X4.3X5.8	1	SA
....4	C4051	2402-001226	C-AL,SMD;4.7UF,20%,35V,HR,TP,4.3X4.3X5.8	1	SA
....4	C4127	2402-001226	C-AL,SMD;4.7UF,20%,35V,HR,TP,4.3X4.3X5.8	1	SA
....4	C5078	2402-001257	C-AL,SMD;470uF,20%,16V,-,TP,8.3*10	1	SA
....4	C5079	2402-001257	C-AL,SMD;470uF,20%,16V,-,TP,8.3*10	1	SA
....4	C5080	2402-001257	C-AL,SMD;470uF,20%,16V,-,TP,8.3*10	1	SA
....4	C1095	2409-001029	C-ORGANIC;120uF,20%,6.3V,WT,TP,10.3x10.3	1	SA
....4	T0052	2703-000274	INDUCTOR-SMD;2.2uH,10%,2012	1	SA
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	SA
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	SA
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	SA
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	SA
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	SA
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	SA
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	SA
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	SA
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	SA
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	SA
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	SA
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	SA
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	SA
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	SA
....4	T0052	2703-001229	INDUCTOR-SMD;2.2uH,10%,1608	1	SA
....4	T0052	2703-001229	INDUCTOR-SMD;2.2uH,10%,1608	1	SA
....4	T0052	2703-001229	INDUCTOR-SMD;2.2uH,10%,1608	1	SA
....4	T0052	2703-001229	INDUCTOR-SMD;2.2uH,10%,1608	1	SA
....4	T0052	2703-001229	INDUCTOR-SMD;2.2uH,10%,1608	1	SA
....4	T0052	2703-001229	INDUCTOR-SMD;2.2uH,10%,1608	1	SA
....4	T0052	2703-001778	INDUCTOR-SMD;3.3uH,20%,3225	1	SA
....4	T0052	2703-002722	INDUCTOR-SMD;22uH,20%,12x12mm	1	SA
....4	T0052	2703-002915	INDUCTOR-SMD;22uH,20%,8080	1	SA
....4	T0052	2703-002915	INDUCTOR-SMD;22uH,20%,8080	1	SA
....4	T0052	2703-002915	INDUCTOR-SMD;22uH,20%,8080	1	SA
....4	T0052	2703-002915	INDUCTOR-SMD;22uH,20%,8080	1	SA
....4	X3002	2801-003326	CRYSTAL-SMD;24MHZ,30PPM,28-ABX,20PF,50OH	1	SA
....4	X3001	2801-003923	CRYSTAL-SMD;10MHz,30ppm,28-AAN,20pF,60oh	1	SA
....4	X1001	2801-003954	CRYSTAL-SMD;27MHz,30ppm,28-AAN,16pF,50oh	1	SA
....4	X4001	2801-004483	CRYSTAL-SMD;28.322MHz,30ppm,HC-49,20pF,5	1	SA
....4	F103	2901-001114	FILTER-EMI SMD;25VDC,2.0ADC,-,100nF,3.2x	1	SA
....4	T0568	3301-000314	BEAD-SMD;120ohm,1.6x0.8x0.8mm,-,-,-	1	SNA
....4	T0568	3301-000314	BEAD-SMD;120ohm,1.6x0.8x0.8mm,-,-,-	1	SNA
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	SNA
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	SNA
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	SNA
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	SNA
....4	T0568	3301-001236	BEAD-SMD;60ohm,1608,-,-,-	1	SNA
....4	T0568	3301-001236	BEAD-SMD;60ohm,1608,-,-,-	1	SNA
....4	T0568	3301-001236	BEAD-SMD;60ohm,1608,-,-,-	1	SNA
....4	T0568	3301-001236	BEAD-SMD;60ohm,1608,-,-,-	1	SNA
....4	T0568	3301-001236	BEAD-SMD;60ohm,1608,-,-,-	1	SNA
....4	T0568	3301-001236	BEAD-SMD;60ohm,1608,-,-,-	1	SNA
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	SA



Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	SA
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	SA
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	SA
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	SA
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	SA
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	SA
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	SA
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	SA
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	SA
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	SA
....4	T0568	3301-001393	BEAD-SMD;60ohm,3216,1500mA,TP,41ohm/40MH	1	SNA
....4	T0568	3301-001404	BEAD-SMD;30ohm,2012,TP,-,-	1	SA
....4	T0568	3301-001404	BEAD-SMD;30ohm,2012,TP,-,-	1	SA
....4	T0568	3301-001404	BEAD-SMD;30ohm,2012,TP,-,-	1	SA
....4	T0568	3301-001404	BEAD-SMD;30ohm,2012,TP,-,-	1	SA
....4	T0568	3301-001404	BEAD-SMD;30ohm,2012,TP,-,-	1	SA
....4	T0568	3301-001404	BEAD-SMD;30ohm,2012,TP,-,-	1	SA
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	SNA
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	SNA
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	SNA
....4	CN2001	3701-001311	CONNECTOR-HDMI;21P,2R,FEMALE,SMD-S,AU30U	1	SA
....4	CN1003	3711-005291	HEADER-BOARD TO CABLE;BOX,2P,1R,2MM,SMD-	1	SA
....4	CN1002	3711-005292	HEADER-BOARD TO CABLE;BOX,3P,1R,2MM,SMD-	1	SA
....4	CN5001	3711-005497	HEADER-BOARD TO CABLE;BOX,15P,1R,1.25MM,	1	SA
....4	L1012	BN27-00007A	COIL CHOKE-SMD;DHB0504-100,RB15/17NS,10u	1	SA
....4	T0077	BN41-00700B	PCB MAIN;CAMBRIDGE,FR-4,4,MP2.0,1.6T,192	1	SNA
....4	M0018	BN97-00805F	ASSY MICOM;T-BRDMPEUD-1011,LE32R73BDX/XE	1	SA
.....5	IC115	1107-001555	IC-FLASH MEMORY;49BV802A,8MBIT,1MX8/512K	1	SA
....4	M0018	BN97-00805G	ASSY MICOM;T-XXXX-XXXX,LE32R73BDX/XEU24C	1	SA
.....5	IC520	0903-001389	IC-MICROCONTROLLER;S3F866B,8Bit,QFP,44P,	1	SNA
1	T0852	BN91-01017B	ASSY LCD-SPZ;LE40R71BX/*	1	SNA
..2	M0215	BN07-00264A	LCD-PANEL;LTA400WT-L01,8bit,952*551*51.0	1	SA
1	M0045	BN92-01661N	ASSY ACCESSORY;LE40R73BDX/XEF	1	SNA
..2	M0045	BN96-02984N	ASSY ACCESSORY;LE40R73BDX/XEF	1	SA
...3	T0268	3903-000145	CBF-POWER CORD;DT,EU,FP3/YES,U(IEC C13-R	1	SA
...3	T0524	6902-000110	BAG PE;LDPE,T0.05,W250,L400,TRP,28,2	2	SNA
...3	ACCESSORY	AA68-03242E	MANUAL FLYER-01,SAFETY GUIDE;All Model,S	1	SNA
...3	ACCESSORY	AA68-03575C	MANUAL FLYER-01,REGISTRATION C:XEF,FRENC	1	SNA
...3	T0074	BN59-00516A	REMOCON;CAMBRIDGE,TM87B,45,CAMBRIDGE,EUR	1	SA
...3	ACCESSORY	BN63-01798A	CLOTH-CLEAN;RE40**,CLOTH,310,320,RHCM	1	SNA
...3	T0531	BN63-02366A	COVER-BOTTOM;40R71,ABS+PMMA,H,B,K23,H/GL	1	SNA
...3	ACCESSORY	BN68-00514A	MANUAL FLYER-04,WARRANTY CARD;PDP/LCD TV	1	SNA
...3	T0059	BN68-00895A	MANUAL FLYER-CARD;COMM,SAMSUNG,W/P 5G,PR	1	SNA
...3	T0059	BN68-00907A	MANUAL FLYER-CARD;COMM,SAMSUNG,18 LANG,E	1	SNA
...3	T0511	BN68-01007C	MANUAL USERS;COMM,SAMSUNG,Eng/Fre,France	1	SNA
...3		BN69-01052A	BOX ACCESSORY-00;ALL,CB-SW1,YEL,W603,D67	1	SNA
1	M0113	BN92-01665A	ASSY P/MATERIAL;40R71,BORDEAUX	1	SNA
..2	T0376	6902-000061	BAG AIR;LDPE,T0.2,L1000,W500,TRP,,,	0.05	SNA
..2	T0376	6902-000379	BAG AIR;LDPE,T0.2,W1000,L1800,TRP,-,-	0.015	SNA
..2	T0081	6902-000604	BAG WRAPPING;LDPE,T0.02,W500,L10000,TRP,	13.44	SNA
..2	T0524	6902-000524	BAG PE;HDPE/NITRON(DOUBLE),T0.015/T0.5(D	1	SNA
1	M0003	BN92-01707C	ASSY BOX;40R74,EQ(XEF,XEG),CAMBRIDGE-2	1	SNA
..2		BN69-01346C	BOX-01,SET;40R74,DY-01,A,YEL,A1,IDTV(GER	1.02	SNA

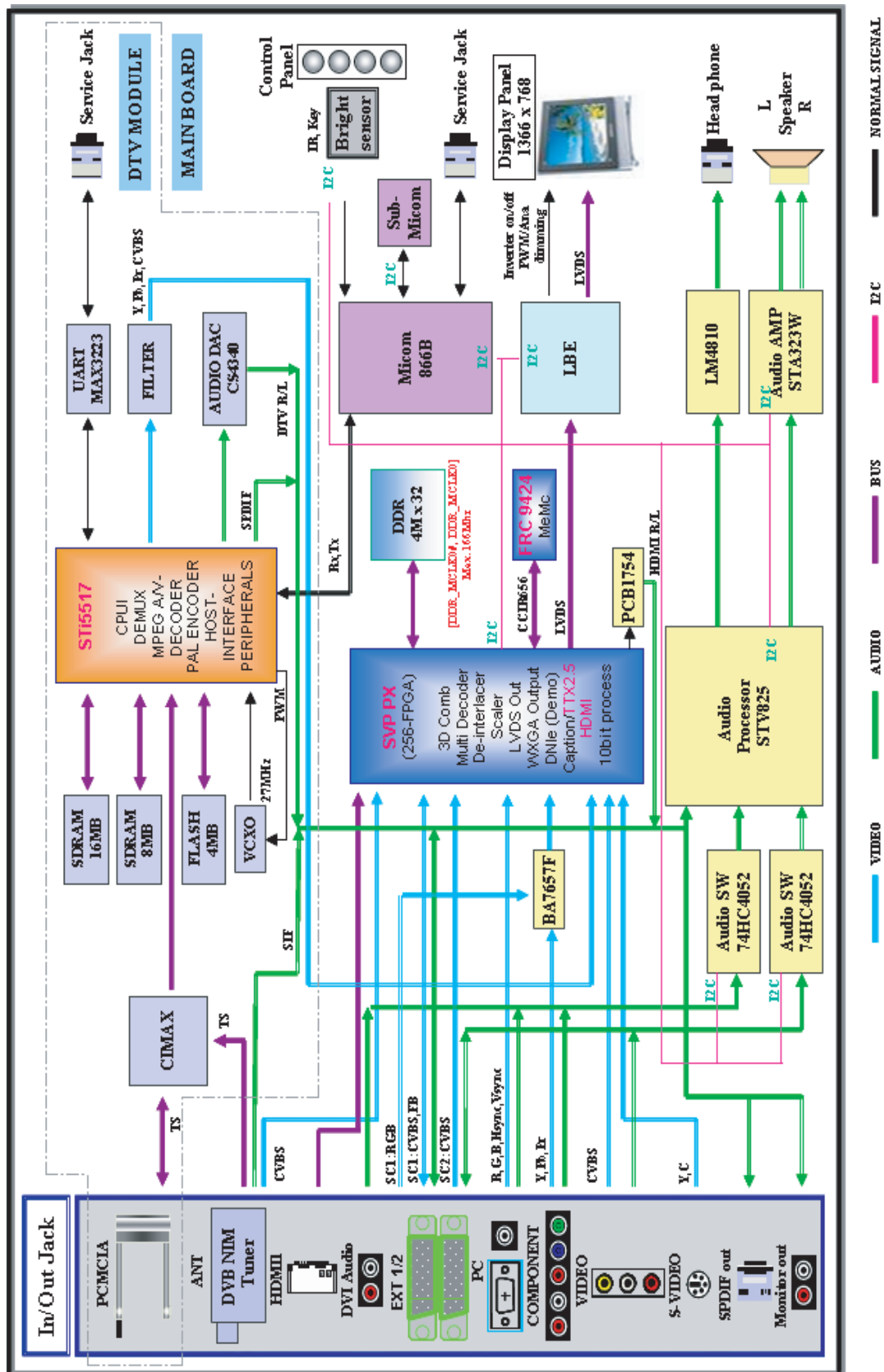
## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
1	M0112	BN91-01008L	ASSY SHIELD;40R74,AMLCD	1	SNA
..2	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	2	SNA
..2	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	4	SNA
..2	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	4	SNA
..2	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	3	SNA
..2	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	2	SNA
..2	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	1	SNA
..2	M0081	6003-001003	SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR	2	SNA
..2	M0081	6003-001003	SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR	2	SNA
..2	M0081	6003-001003	SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR	9	SNA
..2	M0081	6003-001003	SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR	2	SNA
..2	M0081	6003-001003	SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR	1	SNA
..2	M0081	6003-001003	SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR	1	SNA
..2	T0081	6006-000245	SCREW-MACHINE;WSP,PH,+,M4,L8,ZPC(YEL),SW	5	SNA
..2	T0081	6006-000245	SCREW-MACHINE;WSP,PH,+,M4,L8,ZPC(YEL),SW	1	SNA
..2	M2893	BH39-00362G	LEAD CONNECTOR;SONOMA,UL1007#26,5PIN,100	1	SA
..2	T0076	BN39-00615D	CBF HARNESS;BORDEAUX,1617#22,3P,1P,RING,	1	SA
..2	M2893	BN39-00691B	LEAD CONNECTOR;LE32R71BX,UL1007#26,16P,1	1	SA
..2	M2893	BN39-00712C	LEAD CONNECTOR-LVDS;Bordeaux,UL1571#30,3	1	SA
..2	M2893	BN39-00716B	LEAD CONNECTOR;LE40R71BX/XEC,UL3239#24,2	1	SA
..2	M2893	BN39-00717A	LEAD CONNECTOR;LE32R71BX/XEC,UL3443#28,5	1	SA
..2	M0174	BN44-00134A	IP BOARD;SIP40,LE40R71B,2.0-3.0mA,6.0-7.	1	SA
..2		BN61-02256B	BRACKET-PANEL SIDE;Bordeaux 40,SECC,T1.2	1	SNA
..2		BN61-02257B	BRACKET-PANEL SIDE;Bordeaux 40,SECC,T1.2	1	SNA
..2		BN61-02258A	BRACKET-STAND LINK;Bordeaux 40,SECC,T1.6	1	SNA
..2	M0114	BN61-02500A	HOLDER-WIRE;NYLON6.6,NATURAL	2	SNA
..2	M0146	BN63-02462A	SHIELD CASE;CAMBRIDGE 32,SECC,T0.8,UK	1	SNA
..2		BN96-03056A	ASSY BOARD P-HOLDER AV;40R71,EO,ABS+PMMA	1	SNA
...3		BN61-02250A	HOLDER-SIDE AV;40R71,EO,KO,SO,ABS+PMMA,H	1	SNA
...3	T0578	BN64-00454A	INLAY AV;BORDEAUX,PS SHEET,T0.3,-,-,EO	1	SNA
...3	M0020	BN96-02439A	ASSY BOARD P-SUB AV SIDE;MILANO,CT5000-3	1	SA
...3	M2893	BN39-00672A	LEAD CONNECTOR;LNR329DX/XAA,UL2835#28,UL	1	SA
..2	T0447	BN96-03442B	ASSY BRACKET P-PANEL;CAMBRIDGE40,SECC,AM	1	SNA
...3	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	2	SNA
...3	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	2	SNA
...3	M0146	BN61-02251B	BRACKET-PANEL TOP;Bordeaux 40,SECC,T1.2	1	SNA
...3		BN61-02252B	BRACKET-PANEL BOTTOM;Bordeaux 40,SECC,T1	1	SNA
...3		BN61-02253A	BRACKET-GUIDE MAIN;Bordeaux 40,SECC,T1.2	1	SNA
...3		BN61-02254A	BRACKET-GUIDE POWER;Bordeaux 40,SECC,T1.	1	SNA
...3		BN61-02255A	BRACKET-GUIDE POWER;Bordeaux 40,SECC,T1.	1	SNA
...3	T0514	BN61-02393A	BRACKET-SUPPORT;CAMBRIDGE 32,SECC,T1.2	1	SNA
...3	T0101	BN61-02427A	BRACKET-WALL;BORDEAUX 40,SECC,T1.2	1	SNA
...3	M0131	AA63-01401A	GASKET;LE40R71BX,Conductive Fabric,22mm,	1	SNA
...3	M0131	AA63-01438A	GASKET;Bordeaux,Conductive Fabric,7mm,8m	1	SNA
...3	M0131	AA63-01447A	GASKET;Cambridge,Conductive Fabric,20mm,	1	SNA
..2		BN96-03590A	ASSY SHIELD P-PCB MAIN;CAMBRIDGE32,SECC	1	SNA
...3	T0603	BN63-02458A	SHIELD-PCB MAIN;CAMBRIDGE 32,SECC,T0.5,U	1	SNA
...3	M0131	BN63-02627A	GASKET;Oxford,Conductive Fabric,8,13,30,	1	SNA
1	M0019	BN92-01801R	ASSY LABEL;LE40R73BD,LE32R73BDX/XEF	1	SNA

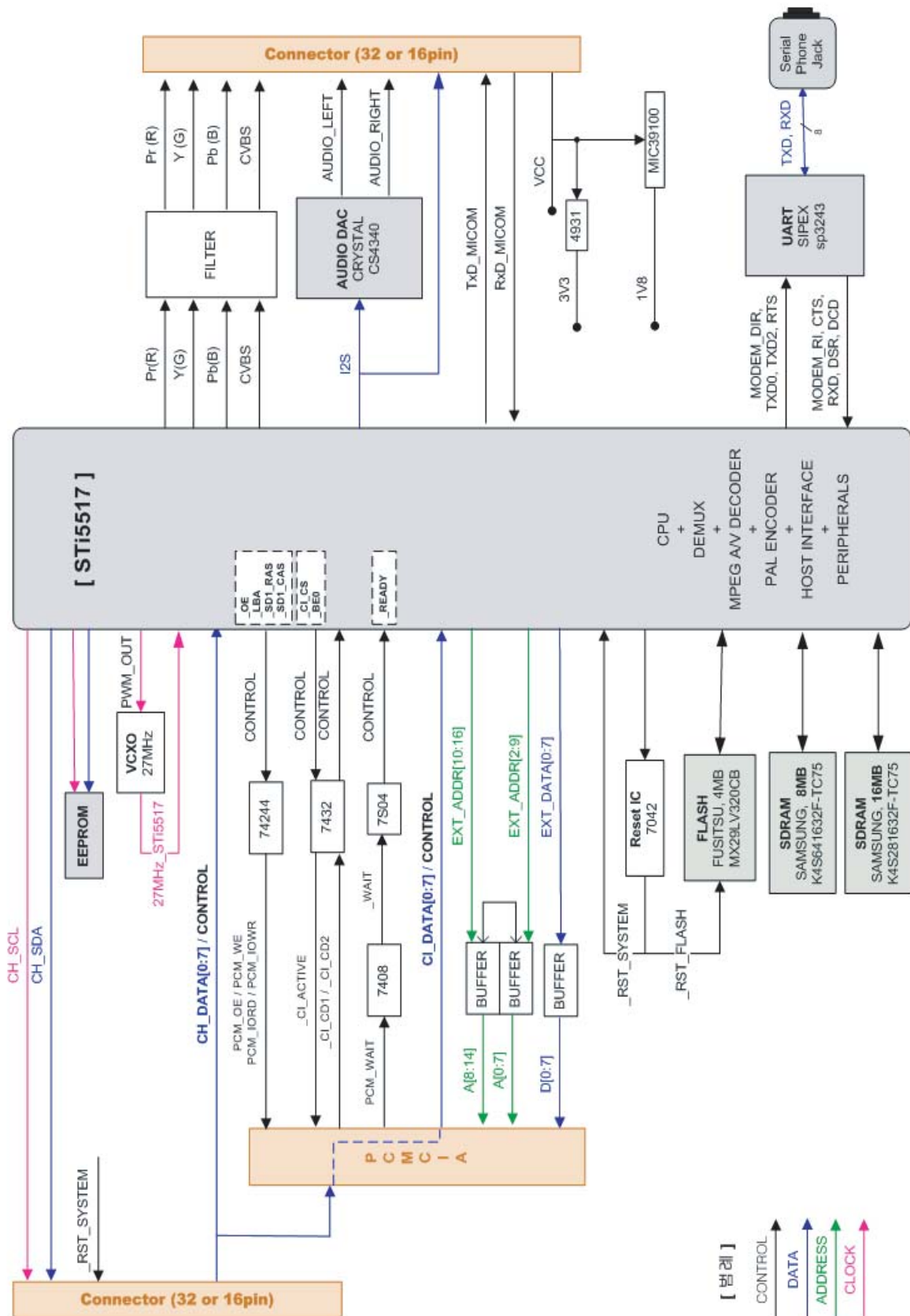
## 7 Block Diagram

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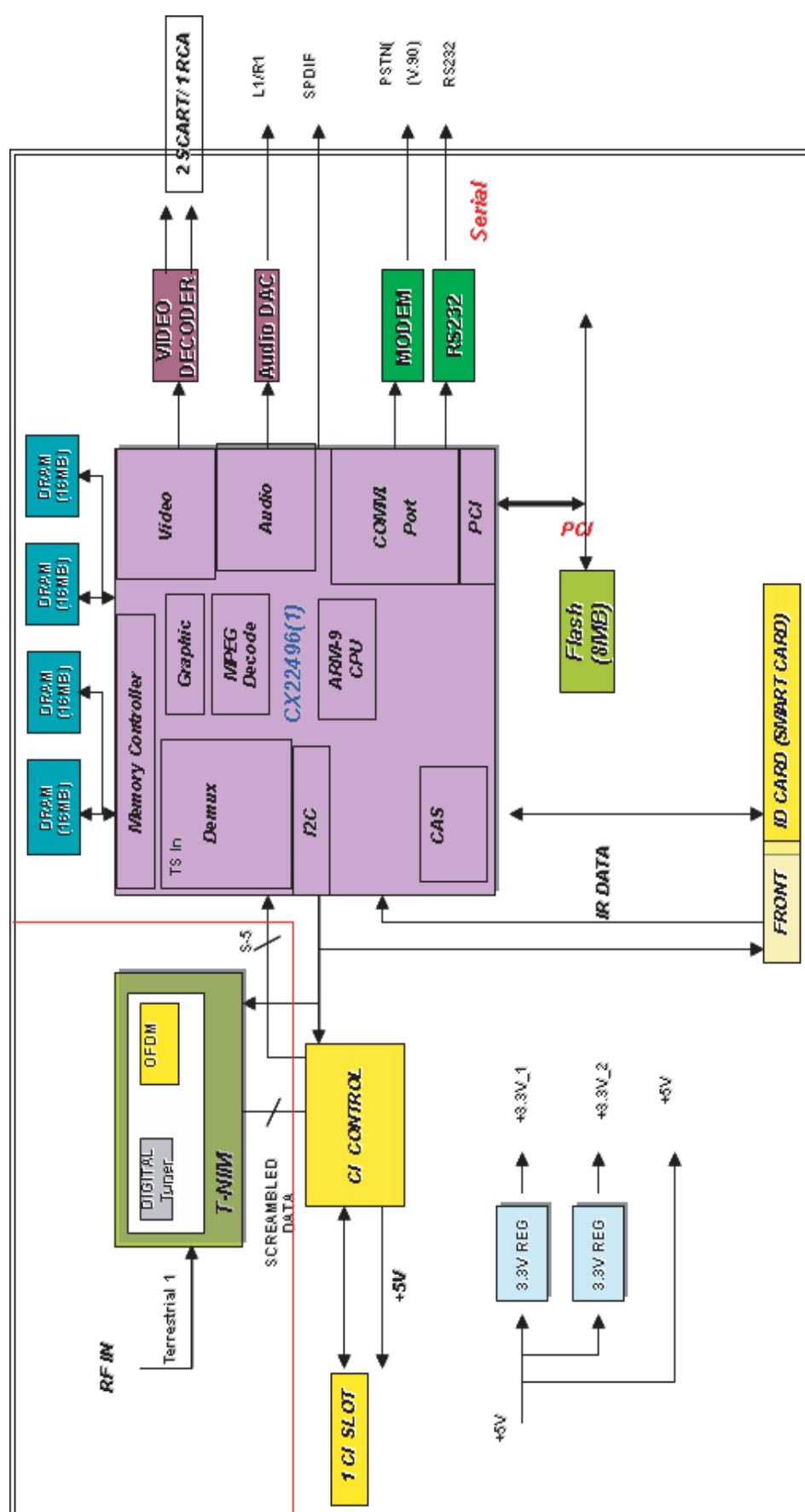
### 7-1 Main Block Diagram



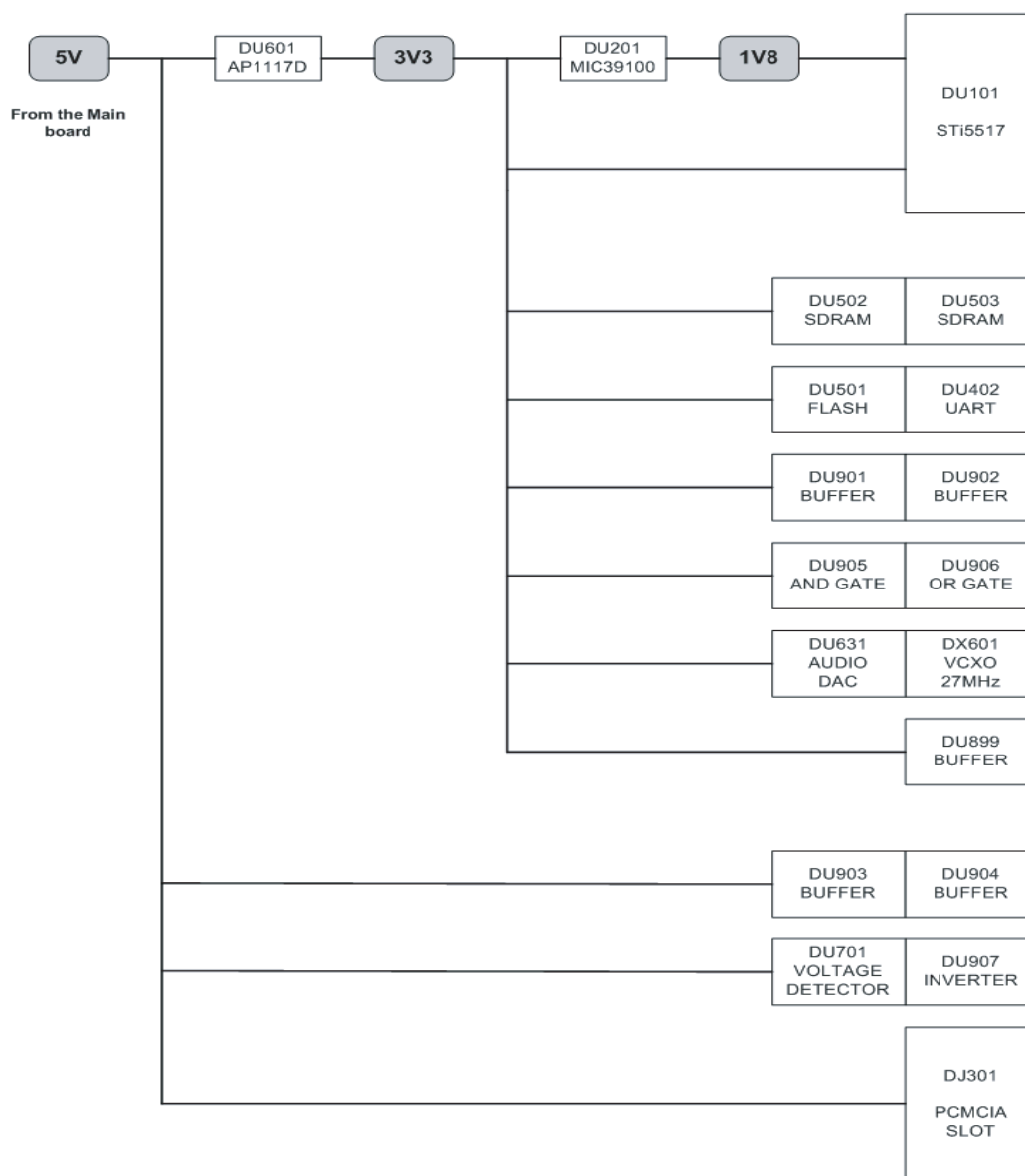
## 7-2 DTV Block Diagram



## 7-3 DTV Block Diagram(Only for R62F)

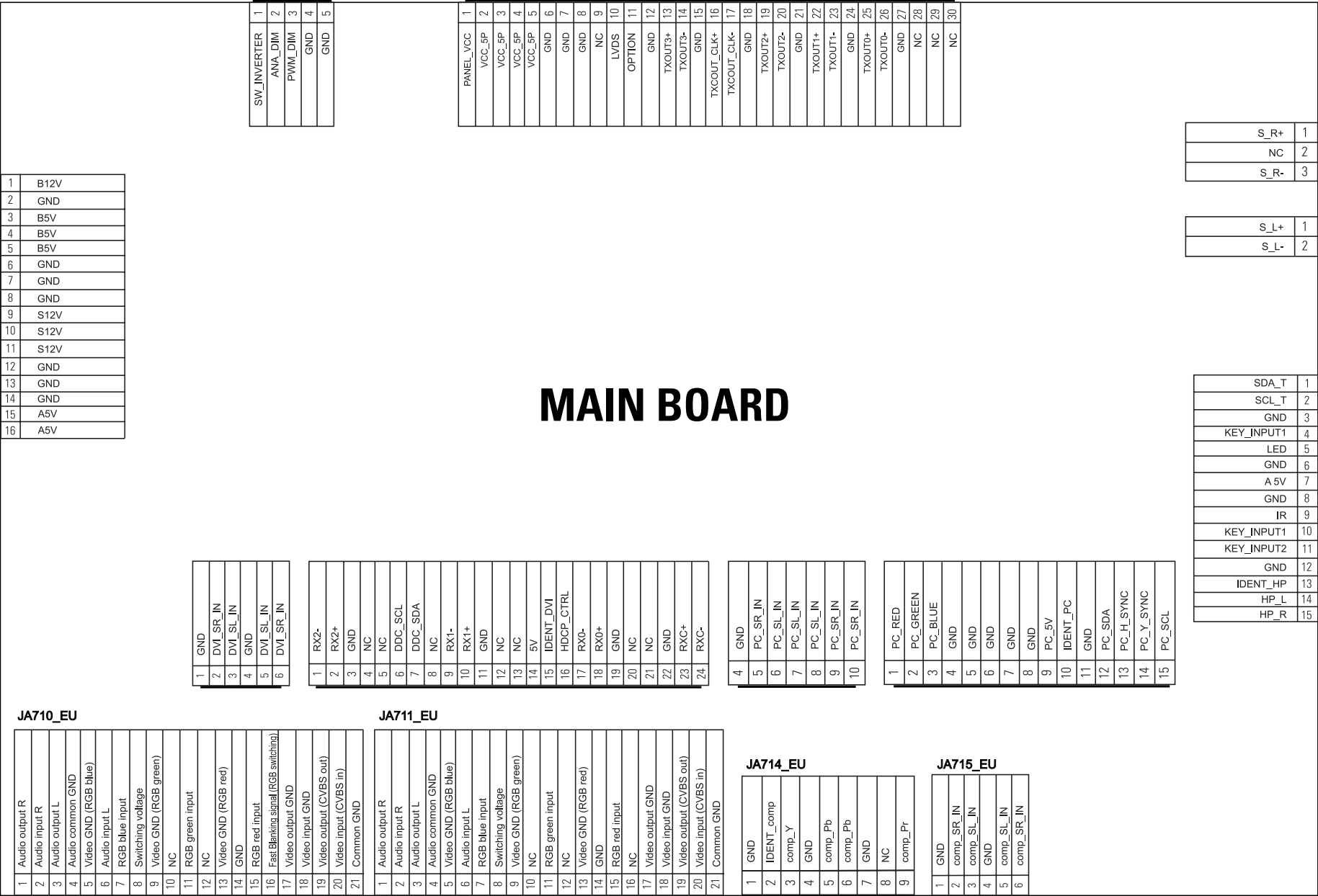


## 7-4 DTV Power Block Diagram

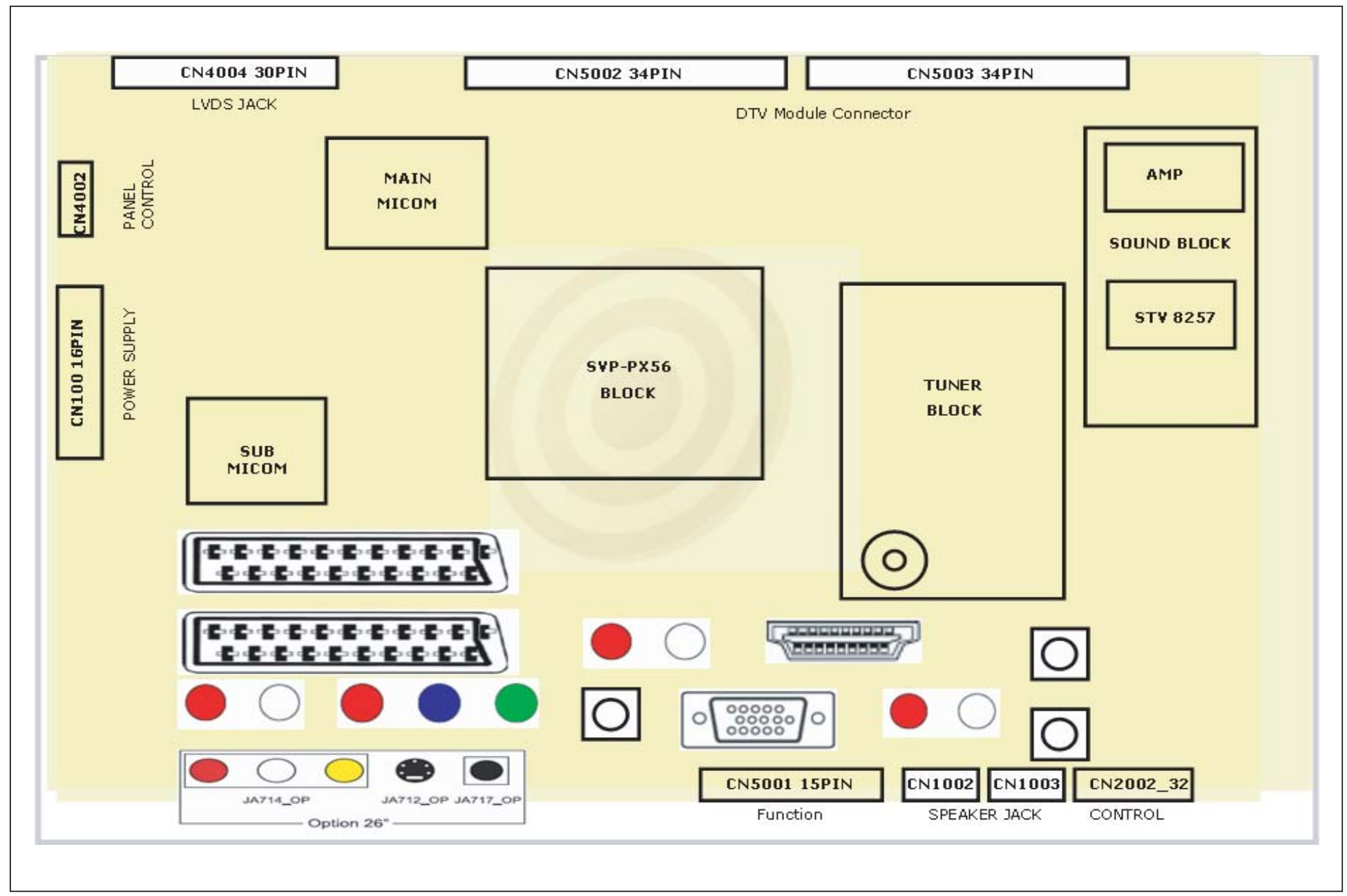


# 8 Wiring Diagram

## 8-1 LE32R73BD/LE32R74BD/LE37R74BD/LE40R73BD/LE40R74BD Wiring Diagram



## 8-2 Main Board Layout





8-3 PIN characteristic

**CN1001 - Main Board power supply**

PIN	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
NAME	B12V	GND	B5V	B5V	B5V	GND	GND	GND	B12VS	B12VS	B12VS	GND	GND	GND	A5V	A5V

Function Define

- 12V      B5V\_VCCA, B5V\_VCCB, IC611 POWER SUPPERLY
- 5V        B5V, B3.3V, B2.5V\_VDD, B3.3VD, VCC50
- 12VS     B12VS

**CN1002 / CN1003 - SPEAKER CONNECTOR**

PIN	1	2	3
NAME	R-OUT	NOP	R-REFERENCE

PIN	1	2
NAME	L-OUT	L-REFERENCE

**CN5001 - Front control**

PIN	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
NAME	GND	GND	A5V	-	KEY INPUT1	KEY INPUT2	GND	-	IR	-	LED_ GREEN	LED_ LED	GND	SDA	SCL

## Function Define

- A5V            Front control board poewr supply
- KEY INPUT1,2/SDA/SCL    Key control, from the memu, change up/down Etc.
- IR            Remote control signal
- LED\_GREEN/LED\_RED    Control the timing and stand by LED color

**CN4002 - Panel control**

PIN	1	2	3	4	5
NAME	SW_inverter	Ana_dimming	PWM_dimming	GND	SENSOR POWER

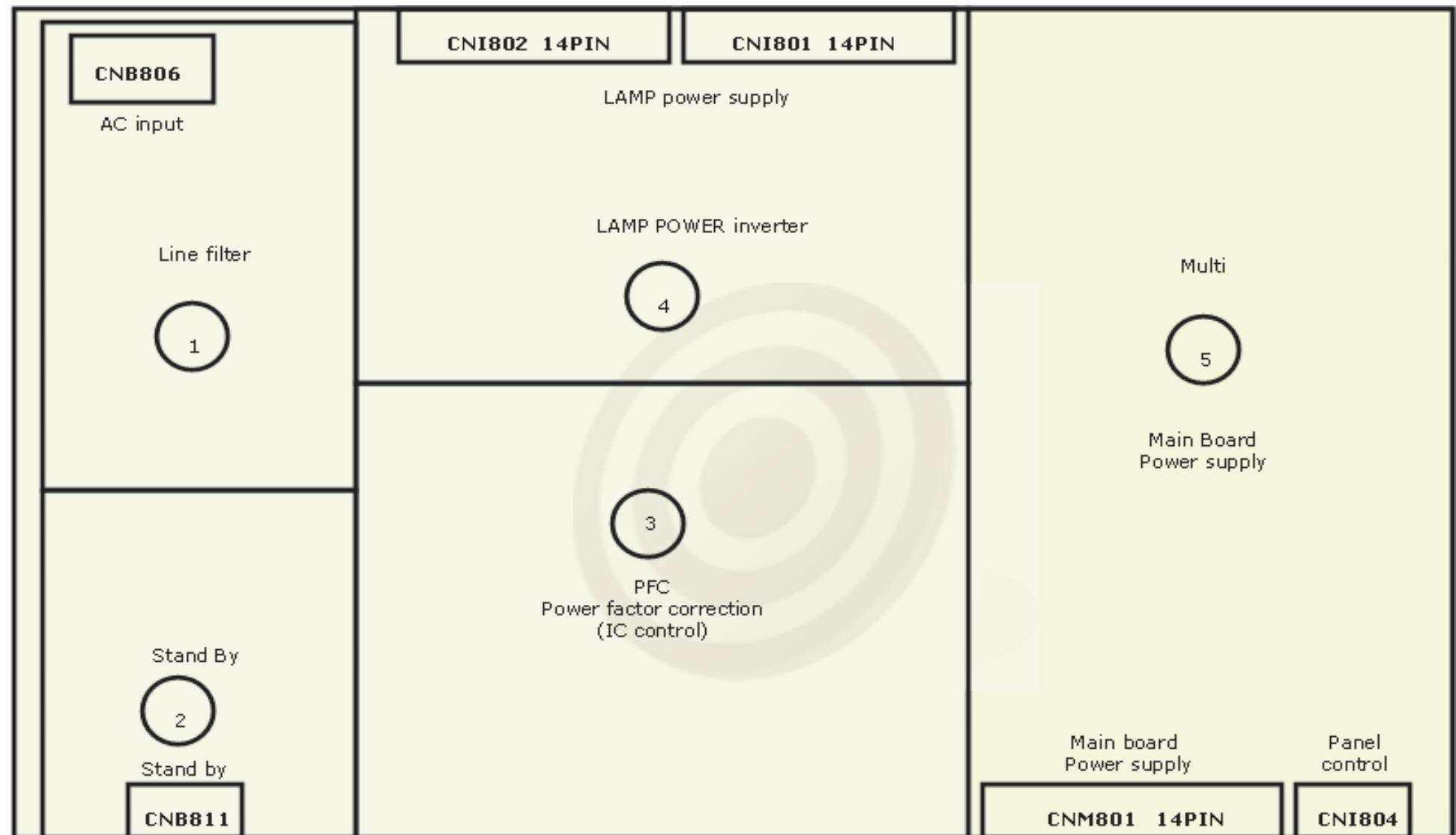
## Function Define

- SW\_inverter            panel inverter control, about 5V
- Ana\_dimming           panel dimming control
- PWM\_dimming        panel PWM control, duty 40% ~ 90%
- SENSOR POWER       brightness sensor power supply

## CN4004-LVDS Signal

PIN	NAME	PIN	NAME
1	VCC	16	TXOUTCLK+
2	VCC5P	17	TXOUTCLK-
3	VCC5P	18	GND
4	VCC5P	19	TXOUT2+
5	VCC5P	20	TXOUT2-
6	GND	21	GND
7	GND	22	TXOUT1+
8	NOP (NOT USE)	23	TXOUT1-
9	SDA1	24	GND
10	SCL1	25	TXOUT0+
11	PANEL_SYNC_EN	26	TXOUT0-
12	GND	27	GND
13	TXOUT3+	28	SW_INVERTER
14	TXOUT3-	29	ANA_DIMMING
15	GND	30	PWM_DIMMING

# 8-4 Power Board Layout



**CNB811 - Stand by supply**

PIN	1	2	3
NAME	Live	Netural	SW_POWER
VOLTAGE	AC	AC	ON/OFF

Functioning Define

- Refer to : CN802 function define

**CNM801 - Main Board power supply**

PIN	1	2	3	4	5	6	7	8	9	10	11	12	13	14		
NAME	12V	GND	5V	5V	5V	GND	GND	GND	12V	12V	12V	GND	GND	GND		

Functioning Define

- Refer to : CN801 function define

**CNM804 - Panel control**

PIN	1	2	3	4	5
NAME	SW_inverter	Ana_dimming	PWM_dimming	GND	SENSOR POWER

Functioning Define

- Refer to : CN815 function define

**CN801 - Main Board power supply**

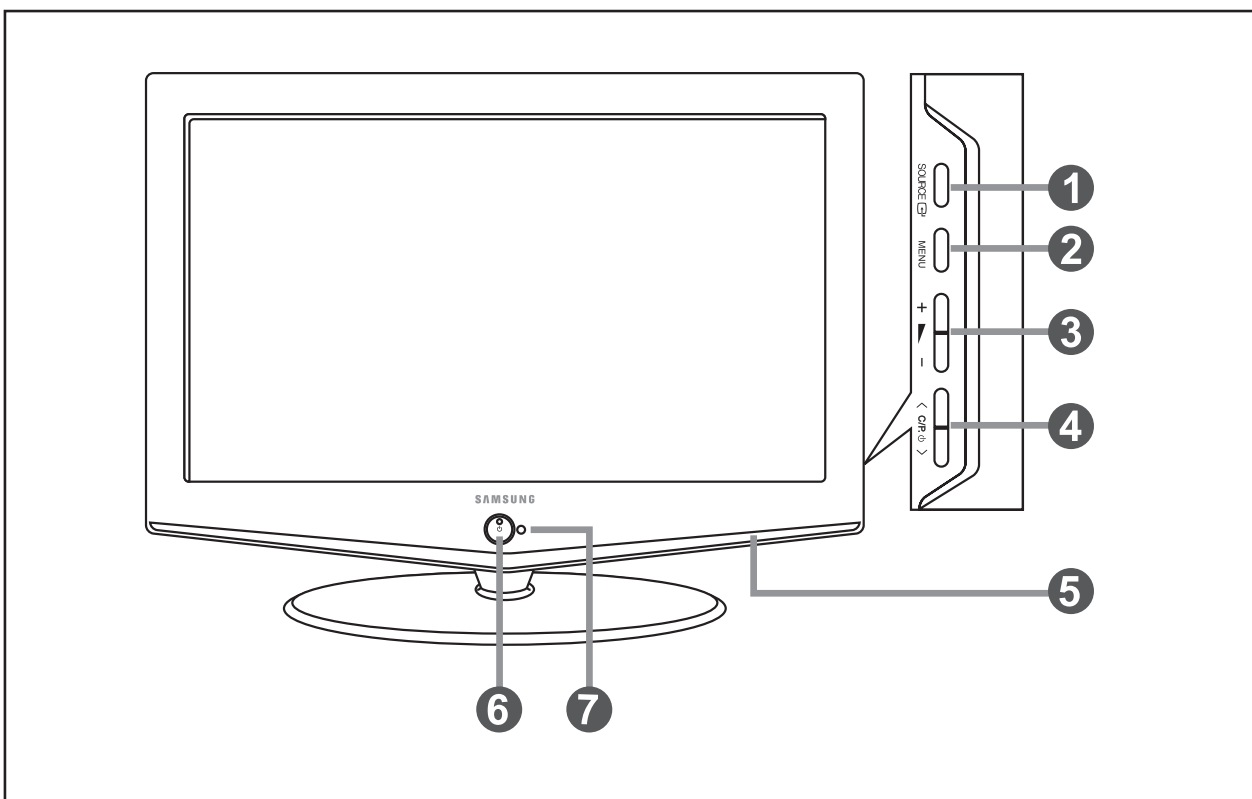
PIN	1	2	3	4	5	6	7	8	9	10	11	12	13	14
NAME	24V	24V	24V	24V	24V	GND	GND	GND	GND	GND	GND	B/L	A_D	P_D

## Functioning Define

- 24V LAMP INVERTER Voltage
- B/L Brightness sensor power
- A\_D ANA\_DIMMING
- P\_D PWM\_DIMMING

## 10 Operating Instructions and Installation

### 10-1 Front



- The product color and shape may vary depending on the model.

#### 1. SOURCE


Displays a menu of all of the available input sources (TV, Ext.1, Ext.2, AV, S-Video, Component, PC, HDMI, DTV). In the on-screen menu, use this button as you use the **ENTER/OK** button on the remote control.

#### 2. MENU

Press to see an on-screen menu of your TV's features.


#### 3. + -

Press to decrease or increase the volume.

In the on-screen menu, use the +  - buttons as you use the ◀ and ▶ buttons on the remote control.

#### 4. < C/P. >

Press to change channels.

In the on-screen menu, use the <C/P.  > buttons as you use the ▼ and ▲ buttons on the remote control. (Without the Remote Control, you can turn on the TV by using the Channel buttons.)

#### 5. Speakers

#### 6. Power Indicator

Blinks and turns off when the power is on and lights up in stand-by mode.

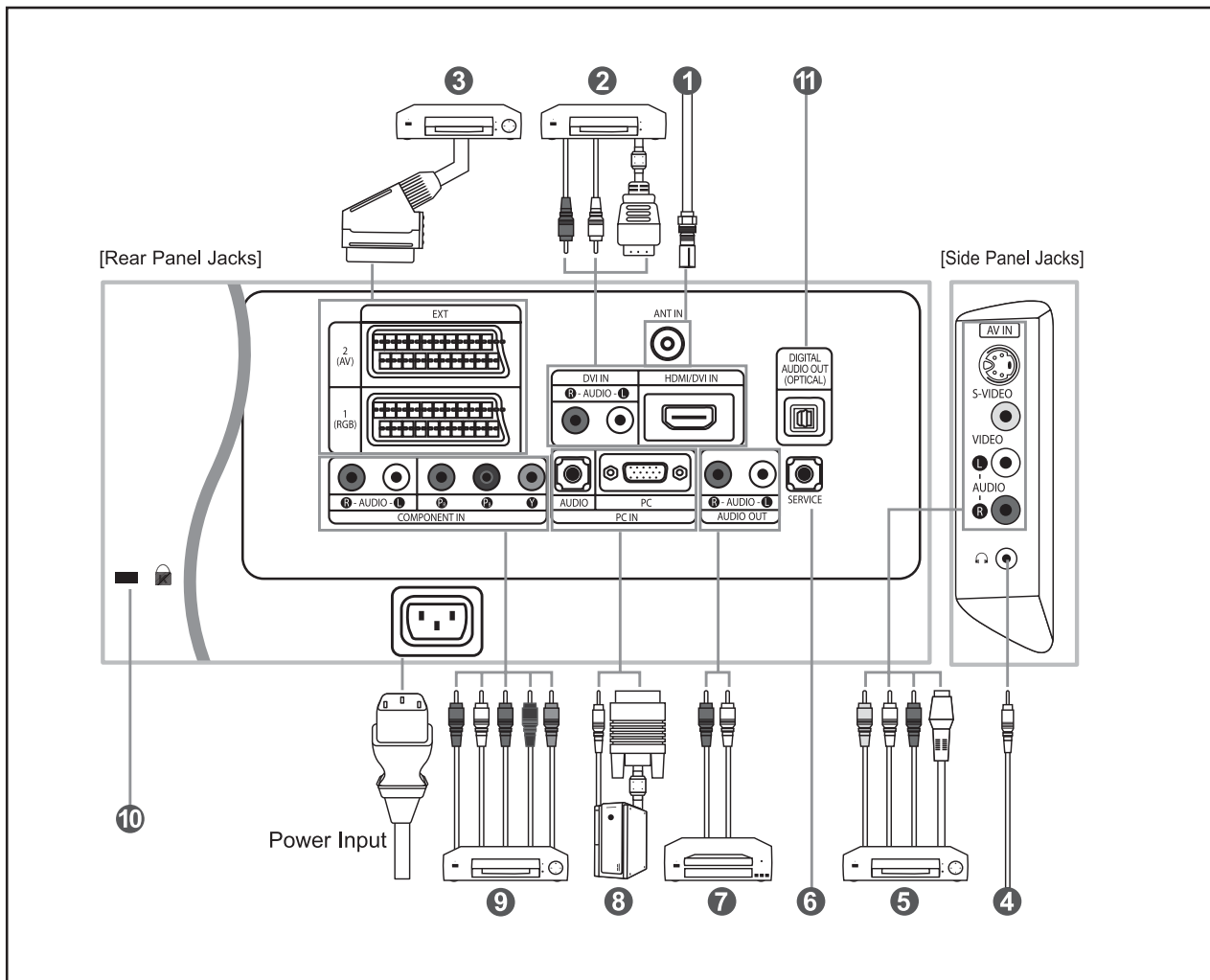
 (Power)

Press to turn the TV on and off.

#### 7. Remote Control Sensor

Aim the remote control towards this spot on the TV.

## 10-2 Connection Panel



- Whenever you connect an external device to your TV, make sure that power on the unit is turned off.
- When connecting an external device, match the colour of the connection terminal to the cable.



**1. Connecting an Aerial or Cable Television Network**

To view television channels correctly, a signal must be received by the set from one of the following sources:

- An outdoor aerial / A cable television network / A satellite network

**2. Connecting HDMI/DVI**

- Supports connections between HDMI-connection-enabled AV devices (Set-Top Boxes, DVD players, AV receivers and digital TVs).

- No sound connection is needed for an HDMI to HDMI connection.

► What is HDMI?

- "High Definition Multimedia interface" allows the transmission of high definition digital video data and multiple channels of digital audio (5. 1 channels).
- The HDMI/DVI terminal supports DVI connection to an extended device with the appropriate cable (not supplied).  
The difference between HDMI and DVI is that the HDMI device is smaller in size, has the HDCP (High Bandwidth Digital Copy Protection) coding feature installed, and supports multi - channel digital audio.

► You should use the DVI-to-HDMI cable or DVI-HDMI Adapter for the connection, and the "R - AUDIO - L" terminal on DVI for sound output.

- When connecting this product via HDMI or DVI to a Set Top Box, DVD Player or Games Console etc, make sure that it has been set to a compatible video output mode as shown in the table below.

Failure to observe this may result in picture distortion, image breakup or no picture.

► Supported modes for DVI or HDMI

	480i	480p	576i	576p	720p	1080i
50Hz	X	O	X	O	O	O
60Hz	X	O	X	X	O	O
Component	O	O	O	O	O	O

- Do not attempt to connect the HDMI/DVI connector to a PC or Laptop Graphics Card. (This will result in a blank screen being displayed)

**3. Connecting Set-Top Box, VCR or DVD**

Connector	Output			
	Video	Audio(L/R)	RGB	Video+Audio (L/R)
EXT 1	✓	✓	✓	Only TV or DTV output is available.
EXT 2	✓	✓	✓	Output you can choose.

- Inputs or outputs for external devices, such as VCR, DVD, video game device or video disc players.

**5. Connecting External A/V Devices**

- Connect RCA or S-VIDEO cable to an appropriate external A/V device such as VCR, DVD or Camcorder.
- Connect RCA audio cables to "R - AUDIO - L" on the rear of your set and the other ends to corresponding audio out connectors on the A/V device.
- Headphone may be connected to the headphone output ( 4 ) on the rear of your set. While the headphone is connected, the sound from the built-in speakers will be disabled.

**6. SERVICE**

- Connector for engineer.

**7. Connecting AUDIO**

- Connect RCA audio cables to "R - AUDIO - L" on the rear of your set and the other ends to corresponding audio in connectors on the Amplifier or DVD Home Theater.

**8. Connecting Computer**

- Connect the D- Sub cable (optional) to "PC (PC IN)" on the rear of your set and the other end to the Video Card of your computer.
- Connect the stereo audio cable (optional) to "AUDIO (PC IN)" on the rear of your set and the other end to "Audio Out" of the sound card on your computer.

## 10 Operating Instructions and Installation

### 9. Connecting Component Devices (DTV/DVD)

- Connect component video cables (optional) to component connector ("Pr", "Pb", "Y") on the rear of your set and the other ends to corresponding component video out connectors on the DTV or DVD.
- If you wish to connect both the Set-Top Box and DTV (or DVD), you should connect the Set-Top Box to the DTV (or DVD) and connect the DTV (or DVD) to component connector ("Pr", "Pb", "Y") on your set.
- The Pr, Pb and Y connectors on your component devices (DTV or DVD) are sometimes labeled Y, B-Y and R-Y or Y, Cb and Cr.
- Connect RCA audio cables (optional) to "R - AUDIO - L" on the rear of your set and the other ends to corresponding audio out connectors on the DTV or DVD.
- This LCD TV displays the optimum picture in 720p mode.
- This LCD TV displays the Maximum picture in 1080i mode.

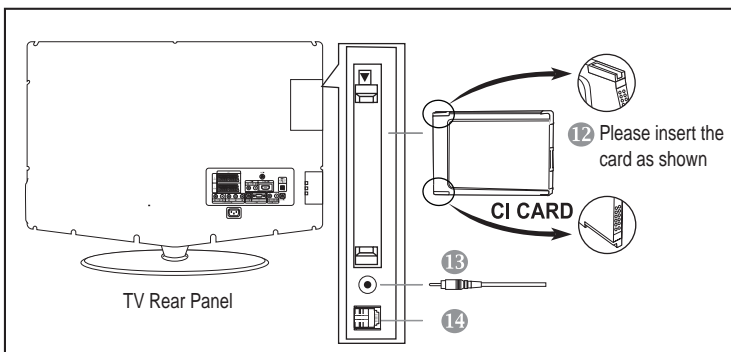
### 10. Kensington Lock

- The Kensington lock (optional) is a device used to physically fix the system when used in a public place.
- If you want to use a locking device, contact the dealer where you purchased the TV.
- The place of the Kensington Lock may be different depending on its model.

### 11. DIGITAL AUDIO OUT (OPTICAL)

- Connect to a Digital Audio Component.

### 12. Connecting CI (Common Interface) CARD



- When not inserting "CI CARD" in some channels, "Scrambled Signal" is displayed on the screen.
  - The pairing information containing a telephone number, CI CARD ID, Host ID, and other information will be displayed in about 2~3 minutes. If an error message is displayed, please contact your service provider.
  - When the channel information configuration has finished, the message "Updating Completed" is displayed, indicating that the channel list is now updated.
- You must obtain a CI CARD from a local cable service provider.

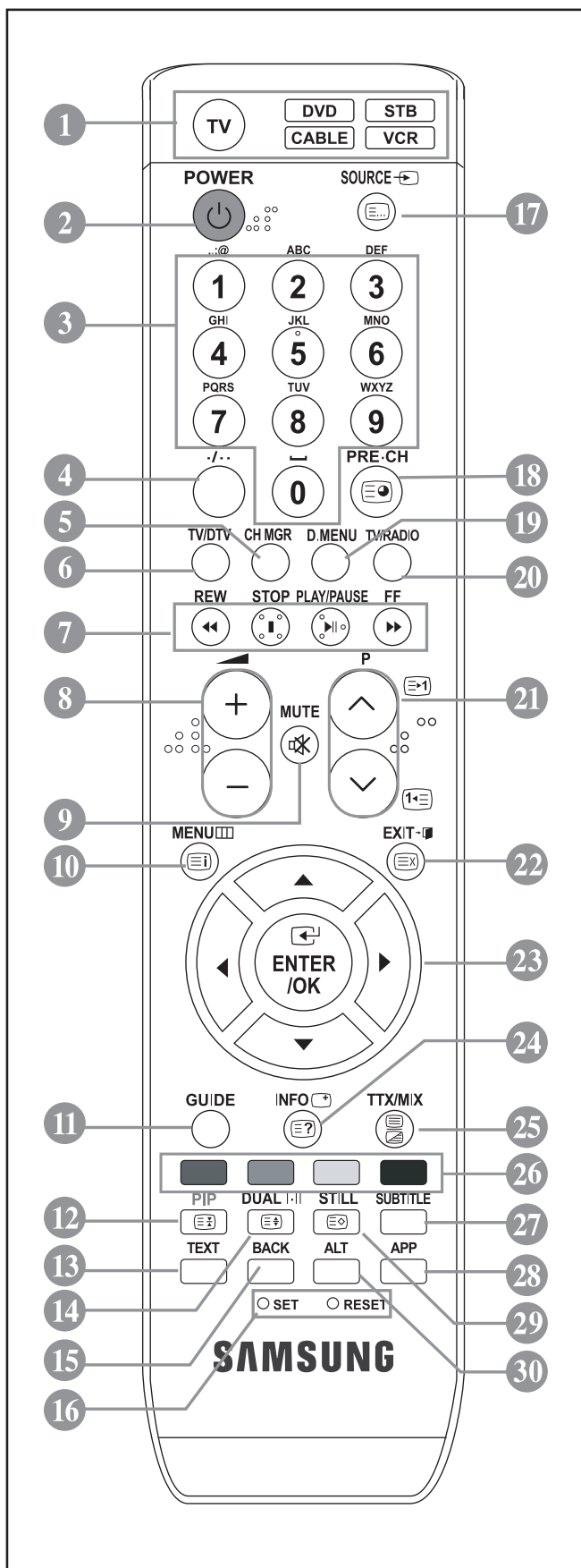
Remove the CI CARD by carefully pulling it out with your hands since dropping the CI CARD may cause damage to it.

### 13. Service Post

- Connector for engineer.

### 14. Modem connection port

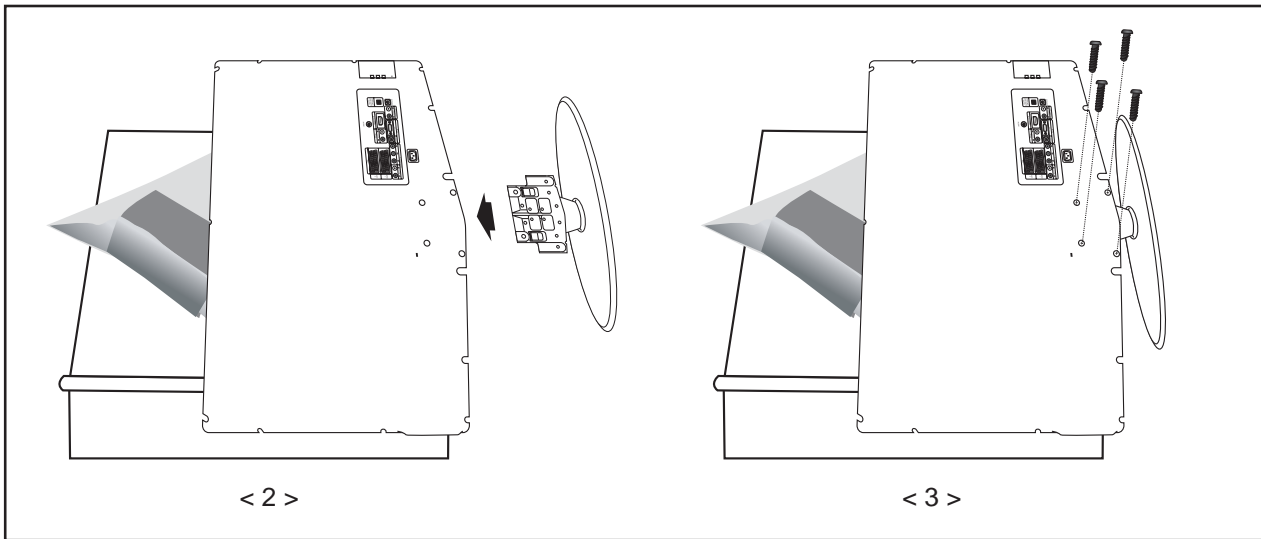
## 10-3 Remote Control



1. Selects a target device to be controlled by the Samsung remote control (TV, DVD, STB, CABLE, VCR)
  2. Television Standby button
  3. Number buttons for direct channel access
  4. One/Two-digit channel selection
  5. It display "Channel Manager" on the screen.
  6. Selects the TV and DTV mode directly
  7. VCR/DVD Functions  
Rewind, Stop, Play/Pause, Fast/Forward
  8. + Volume increase  
- Volume decrease
  9. Temporary sound switch-off
  10. Menu display and change confirmation
  11. Electronic Program Guide (EPG) display
  12. Picture-In-Picture On / Off
  13. Select the Teletext mode
  14. Sound effect selection
  15. Previous channel / This key is used in the MHP application and to change the previous channel.  
This key is also used to back to the previous page in D.MENU.
  16. **SET** : Adjusts 5 separate devices - TV, DVD, STB, CABLE, or VCR.  
**RESET** : When your remote does not work, change the batteries and press the "RESET" button for 2-3 seconds before use.
  17. Available source selection
  18. Previous channel
  19. DTV menu display
  20. Toggle between the TV and Radio channel
  21. P : Next channel  
P : Previous channel
  22. Exit the OSD
  23. Control the cursor in the menu
  24. Use to see information on the current broadcast
  27. Digital subtitle display
  28. This button is the hard key for accessing MHP Application List
  29. Picture freeze
  30. Select the soundtrack/videotrack list for the current service
- Teletext Functions**
6. Exit from the teletext display
  10. Teletext index
  12. Teletext hold
  14. Teletext size selection
  17. Teletext mode selection (LIST/FLOF)
  18. Teletext sub page
  21. P : Teletext next page  
P : Teletext previous page
  22. Teletext cancel
  25. Alternately select Teletext, Double, or Mix.
  26. Fastext topic selection
  29. Teletext store

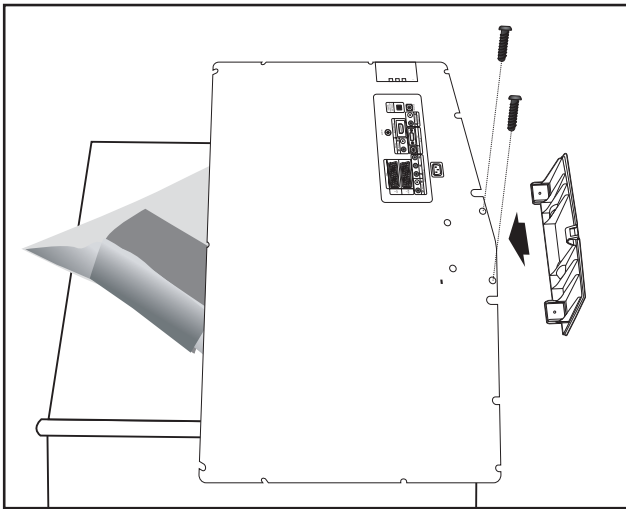
- ▶ The performance of the remote control may be affected by bright light.
- ▶ This is a special remote contro for the visually impaired, and has Braille points on the Power, Channel and Volume buttons.

## 10-4 Installing the Stand



1. Place the TV faced down on a soft cloth or cushion on a table.
2. Put the stand into the hole at the bottom of the TV.
3. Insert screw into the hole indicated and tighten.
  - ▶ The stand is installed for models with the screen size of 40 inch and above.

## 10-5 Installing the Wall Mount Kit



Wall mount items (sold separately) allow you to mount the TV on the wall.

For detailed information on installing the wall mount, see the instructions provided with the Wall Mount items. Contact a technician for assistance when installing the wall mounted bracket.

Samsung Electronics is not responsible for any damage to the product or injury to yourself or others if you elect to install the TV on your own.

- ▶ Remove the stand and cover the bottom hole with a cap and fasten with two screws.


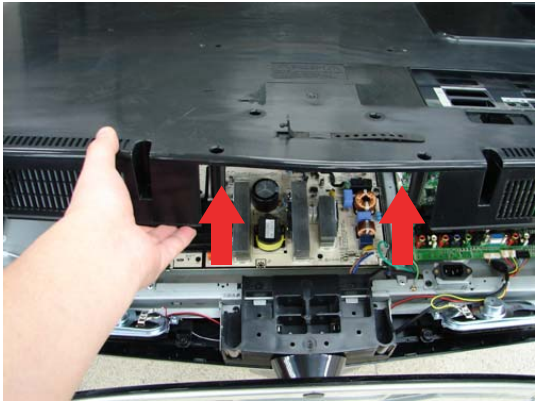
## 11 Disassembly and Reassembly

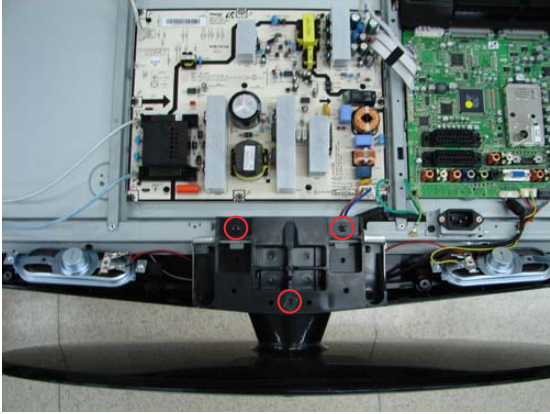
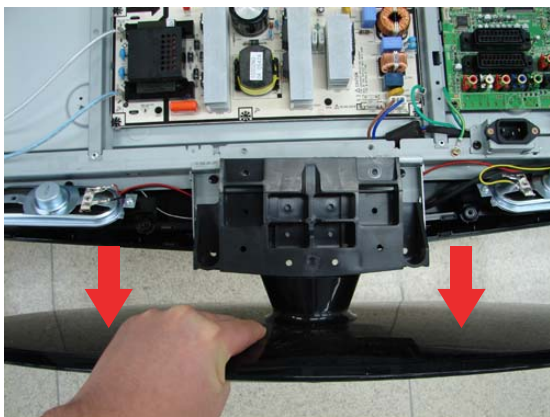
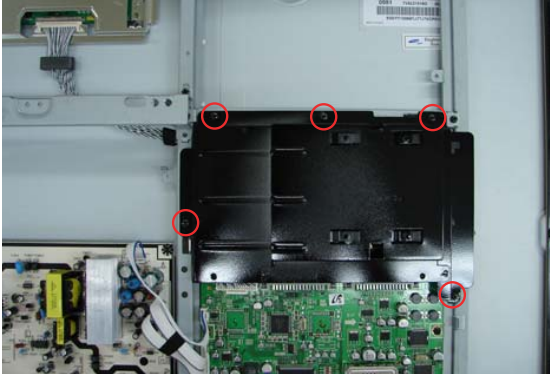
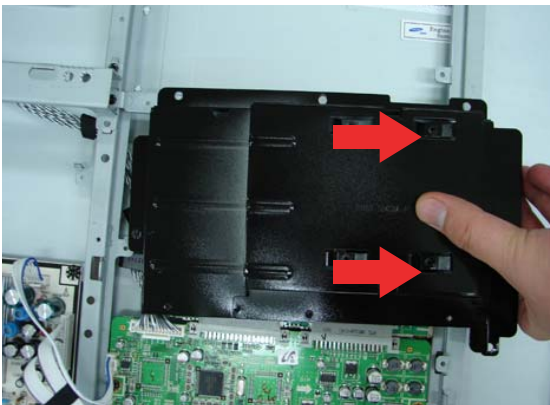
This section of the service manual describes the disassembly and reassembly procedures for the TFT-LCD TV.

⚠ **WARNING** : This monitor contains electrostatically sensitive devices.  
Use caution when handling these components.

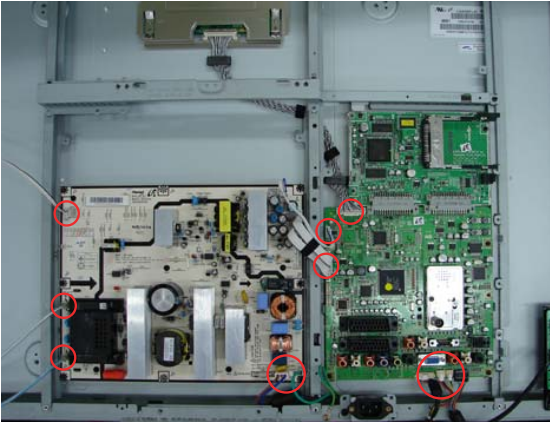
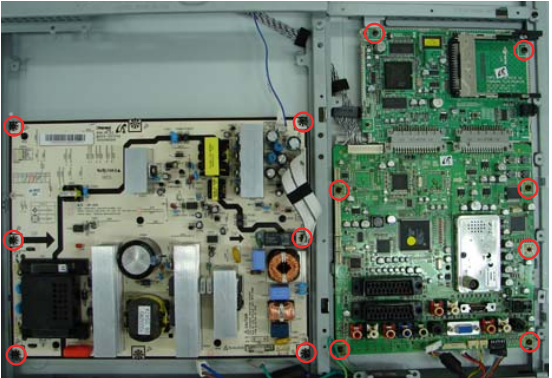

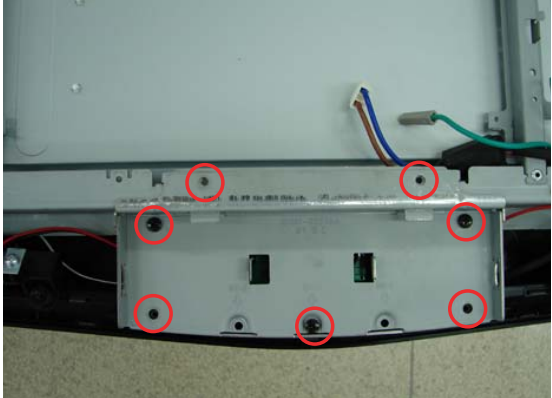
### 11-1 Disassembly

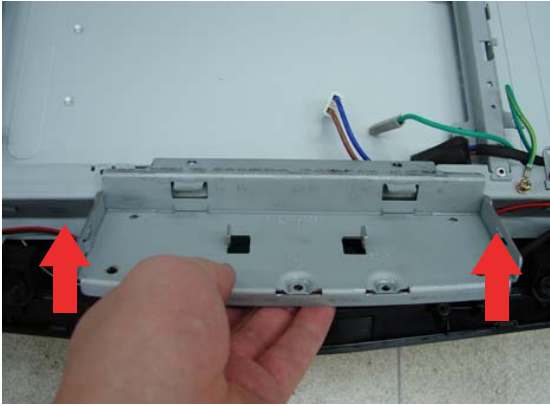
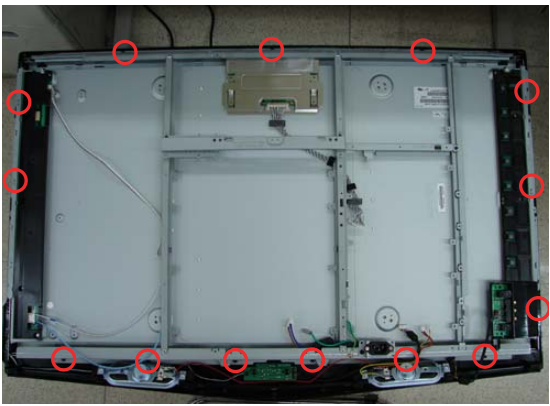
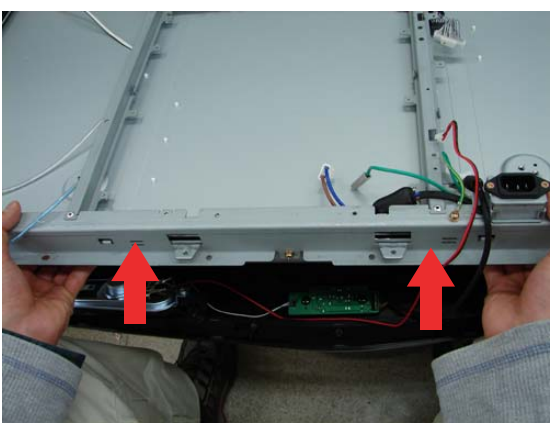
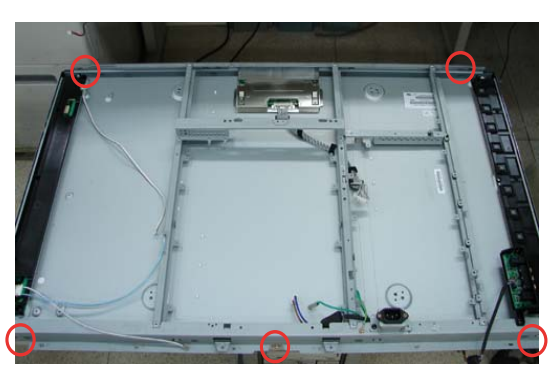
⚠ **Cautions** : 1. Disconnect the monitor from the power source before disassembly.  
2. Follow these directions carefully; never use metal instruments to pry apart the cabinet.

Description	Picture Description
1. Place monitor face down on cushioned table. Remove 20 screws from the rear cover. Lift up the rear cover.	 

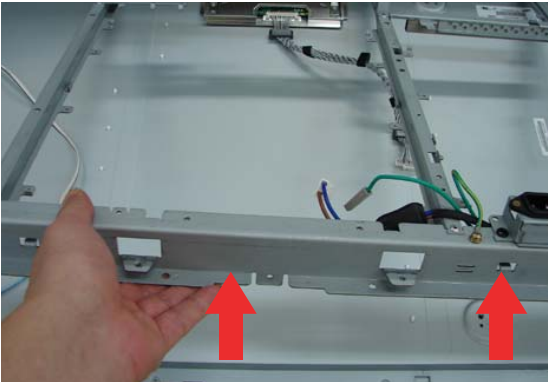

Description	Picture Description
<p>2. Remove 3 screws from the stand.</p>	 A photograph showing the internal components of a monitor. The main PCB is visible on the right, and the stand bracket is at the bottom. Three screws on the stand bracket are circled in red, indicating they are to be removed.
	 A photograph showing a hand lifting the stand bracket away from the monitor frame. Two red arrows point downwards, indicating the direction of removal.
<p>3. Remove 5 screws from the Main PCB. Lift up the shield-cover.</p>	 A photograph showing the main PCB with the shield-cover attached. Five screws on the shield-cover are circled in red, indicating they are to be removed.
	 A photograph showing a hand lifting the shield-cover away from the main PCB. Two red arrows point upwards, indicating the direction of removal.



Description	Picture Description
<p>4. Disconnect cable from the boards. Remove 13 screws from the boards.</p>	
	
<p>5. Lift up the boards. Remove 7 screws from the stand BRKT.</p>	
	

Description	Picture Description
<p>6. Lift up the stand BRKT. Remove screws from the Lcd panel.</p>	
	
<p>7. Lift up the Lcd panel. Remove 5 screws from the BRKT.</p>	
	



Description	Picture Description
8. Lift up the BRKT.	
	

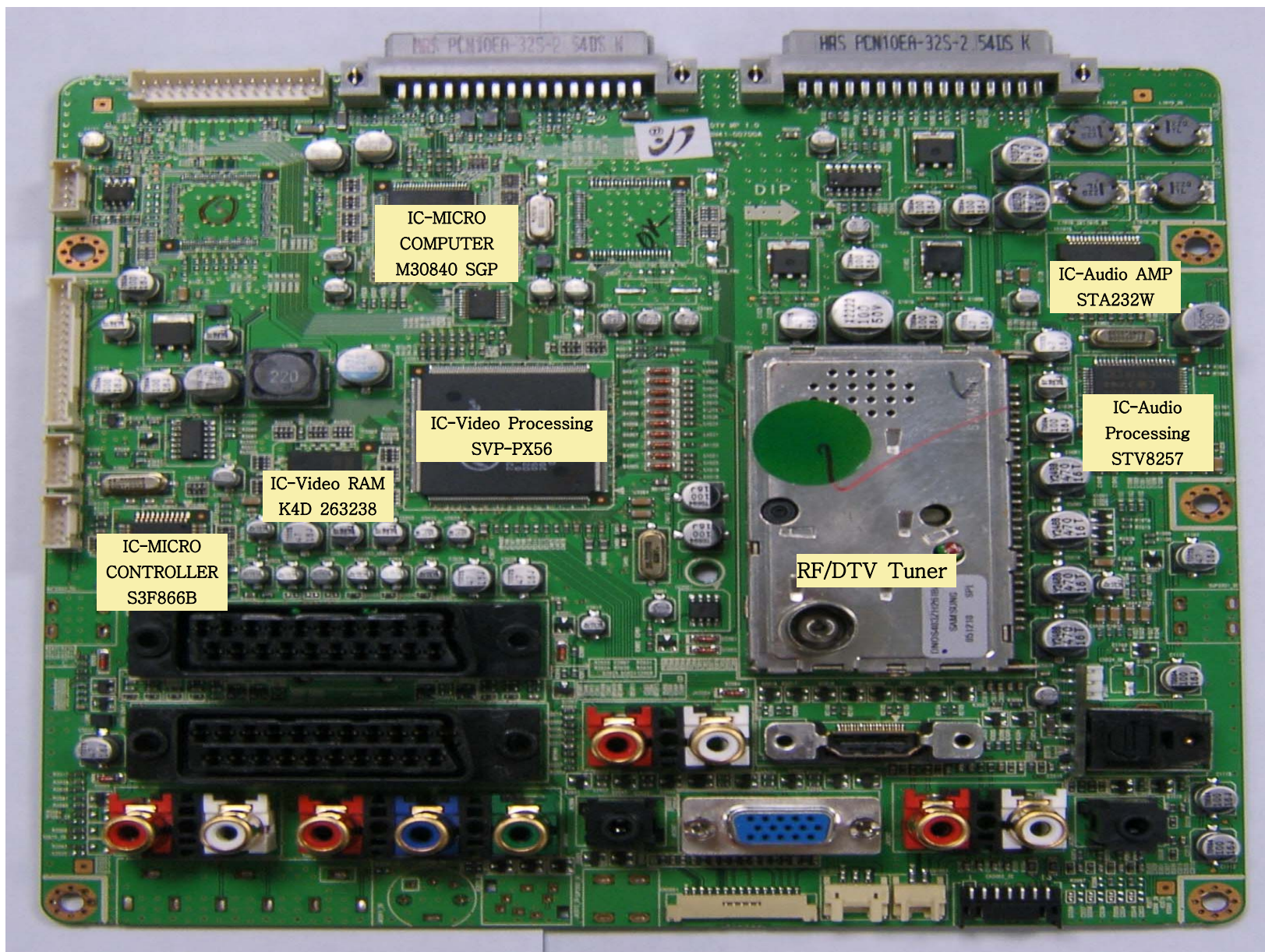
### 11-2 Reassembly

Reassembly procedures are in the reverse order of disassembly procedures.

## Memo

## 12 PCB Diagram

## 12-1 32", 37", 40" Main PCB Diagram



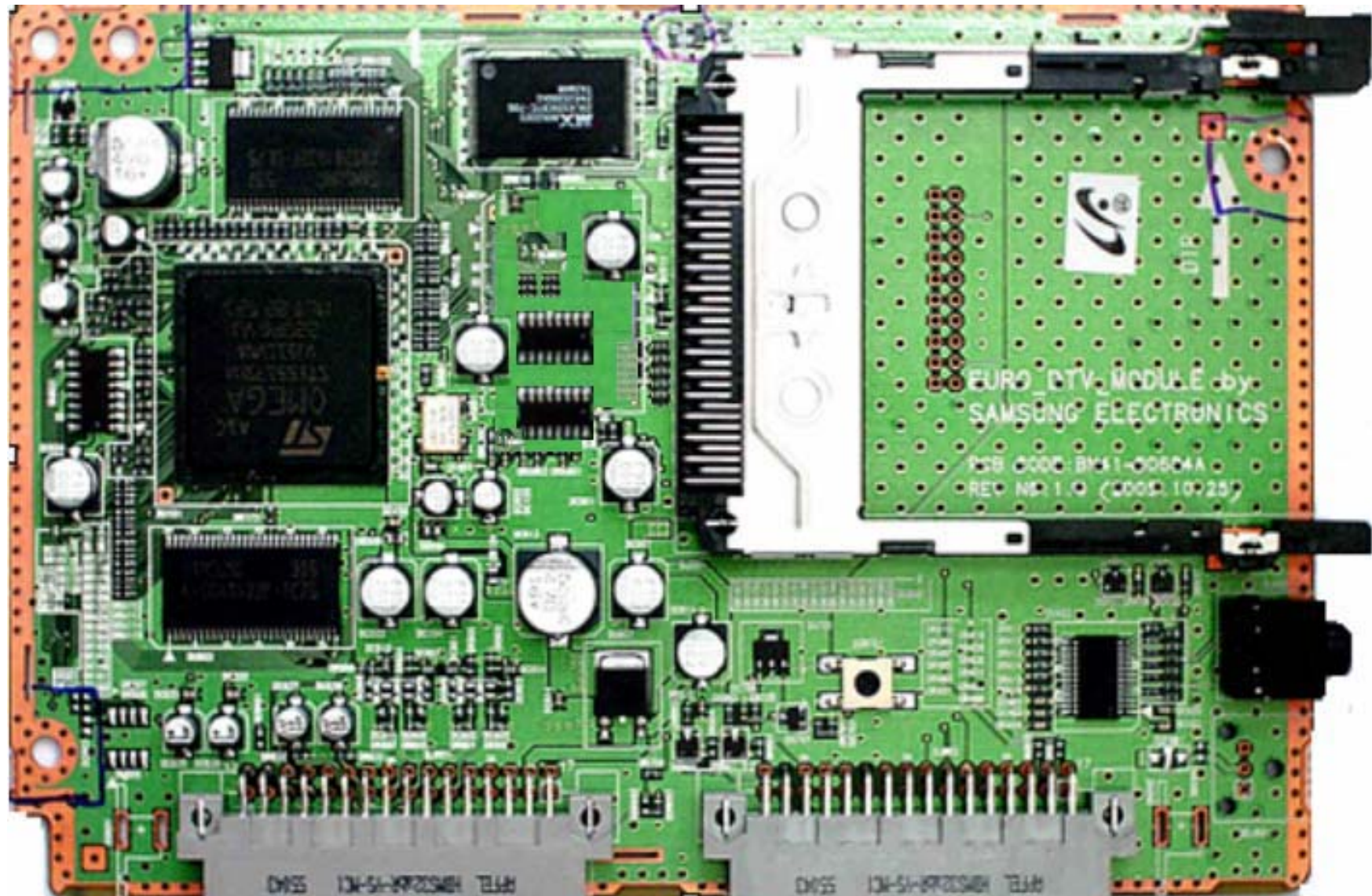


12-2 DTV MODULE PCB Diagram (Only for R62F)





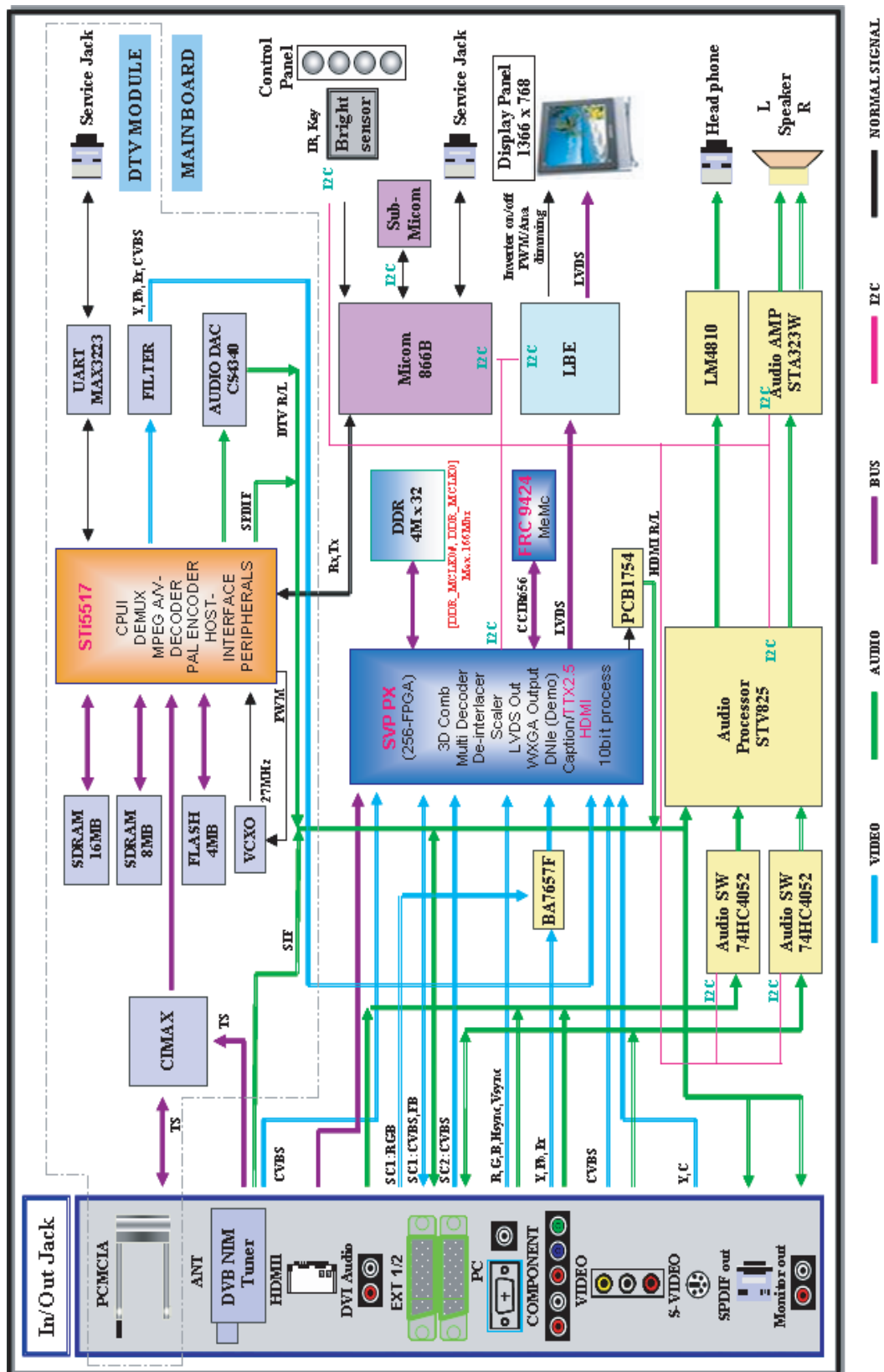
12-3 DTV MODULE PCB Diagram



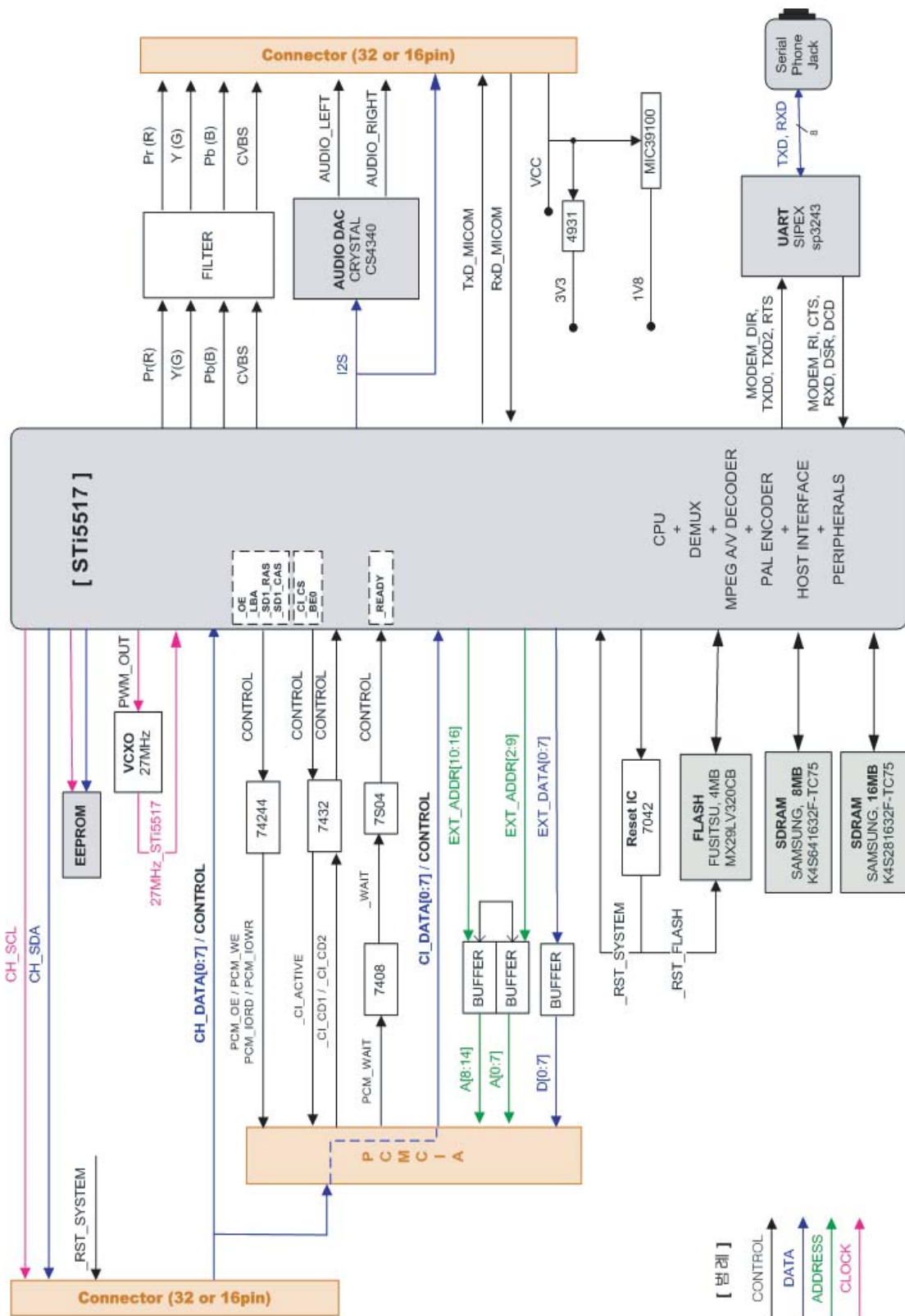
## Memo

# 13 Circuit Descriptions

## 13-1 Main Signal Description

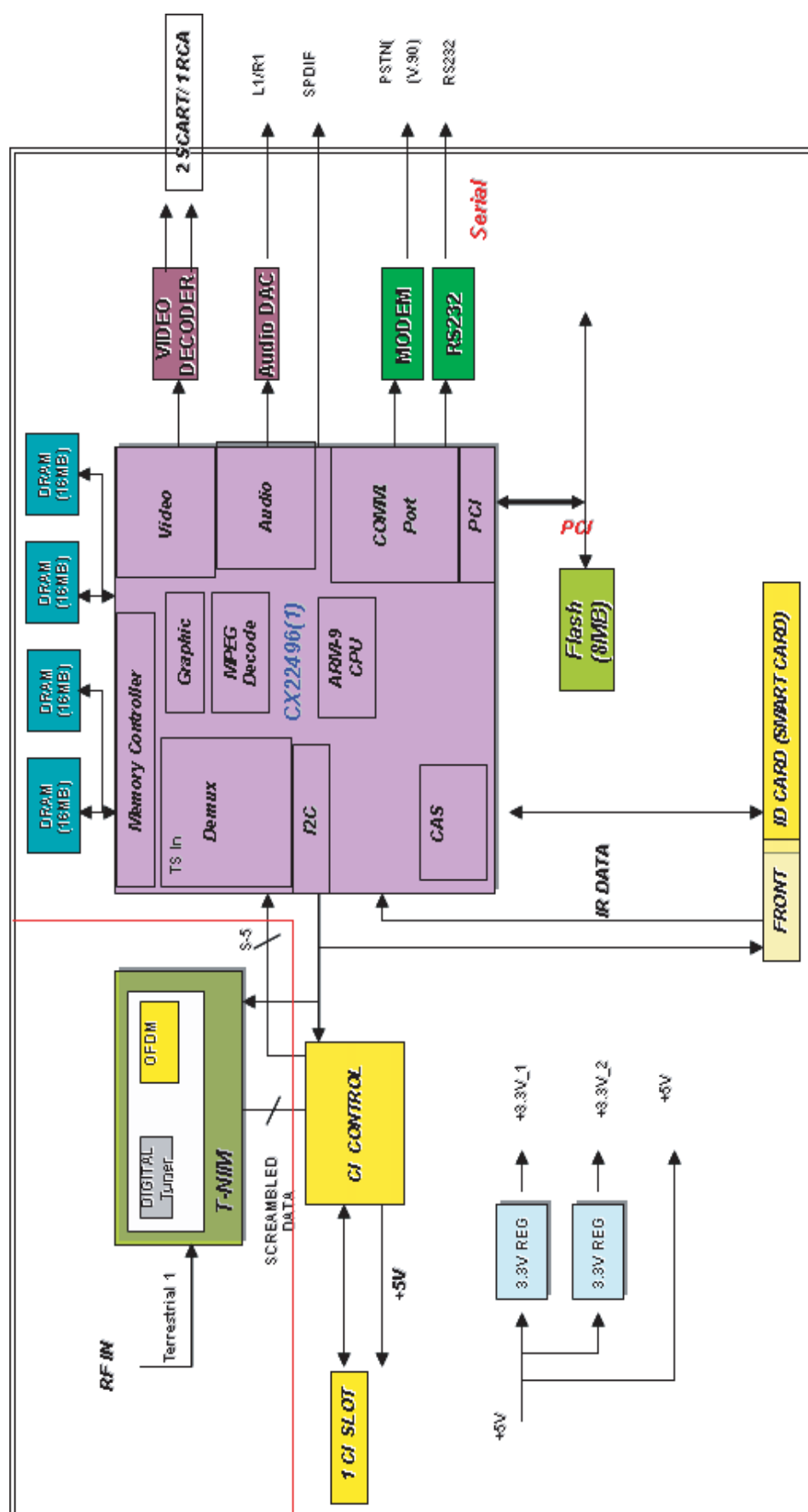


## 13-2 DTV Signal Description





## 13-3 DTV Signal Description (Only for R62F)



## 13-4 RF/DTV Tuner (DNOS303ZH261B(S)) SPEC.

## 1. Description

1-1 Receiving System : Designed to cover all bands in VHF and UHF including digital terrestrial(DVB-T) and hyper channels for CCIR system.

1-2 It built in COFDM-Demod IC & Analog Demod IC (PAL B/G, I, D/K, SECAM L/L')

1-3 Receiving Channel : 47MHz ~ 862MHz

1-4 Intermediate Frequency : Digital(center) 36.167 MHz, Analog(picture) 38.9MHz

1-5 Input Impedance : 75Ω, Unbalanced.

1-6 Terminals name and function

Pin No	Connection	Remark	Pin No	Connection	Remark
1	N.C		15	N.C	
2	RF AGC		16	SYNC	
3	5V		17	VAL ID	
4	AFT		18	MD7	MPEG data output7
5	30V		19	MD6	MPEG data output6
6	GND		20	MD5	MPEG data output5
7	RESET		21	MD4	MPEG data output4
8	ERROR		22	MD3	MPEG data output3
9	VIDEO OUT		23	MD2	MPEG data output2
10	N.C		24	MD1	MPEG data output1
11	SIF OUT		25	MD0	MPEG data output0
12	3.3V		26	MPEG CLK	
13	GND		27	SDA	
14	N.C		28	SCL	

## 2. Mechanical Characteristics

2-1 Dimensions : refer Fig1

2-2 Weight : 60g

2-3 RF input : RCA (female)

2-4 Holding Strength of Ant jack.

Withdrawal force of center contact

: Perform insert & extract test for 20 times. Into receptacle contact by using gauge, showing in Fig-2.

It shall be maintain 50g.

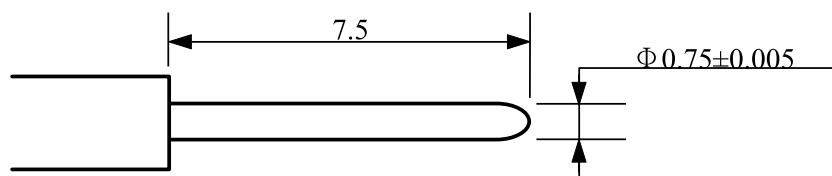


FIG - 2

### 3. General Characteristics

#### 3-1 Temperature Range

Storage Temperature : -20°C ~ +80°C

Operation Temperature : 0°C ~ +65°C

#### 3-2 Test conditions : All data hold under following conditions

T(amb.) : +25 ± 2°C / Humidity : 45 ~ 65 % RH

Supply voltage(5V) : +5V ± 2%

Tuning voltage (BT) : +30V ± 2%

Supply voltage(3.3V) : +3.3V ± 2%

#### 3-3 Current Consumption

Supply Voltage (5V) : 180mA Max.

Tuning Voltage(30V) : 5mA Max.

Supply Voltage(3.3V) : 160mA Max.

### 4. Electrical Characteristics ( RF block & Digital Demodulation )

#### 4-1 Input Frequency Range

VHF-Low Band : 47MHz ~ 174MHz

VHF-High Band : 174MHz ~ 470MHz

UHF Band : 470MHz ~ 862MHz

4-2 Input Signal Level : -78dBm ~ -20dBm (Average power, 64QAM)

#### 4-3 Voltage Gain

1st IF : 40dB typ. 38dBmin.

#### 4-4 Noise Figure

1st IF : 4.5dB typ. 6.5dB max. (at max. gain)

4-5 OFDM-Demod IC : MT353 (produced by Zarlink)

4-6 Input Impedance : 75Ω .

4-7 RF Input/Output Return Loss : -8dB typ. -6dB min.

#### 4-8 IF Frequency

1) Digital center frequency : 36.167MHz

2) Analog (PAL B/G, I, D/K, SECAM L/L')

Picture intermediate frequency :

38.9MHz(PAL B/G & SECAM L), 33.9MHz(SECAM L')

Sound intermediate frequency :

33.4MHz(B/G), 32.9MHz(I), 32.4MHz(D/K, SECAM L), 40.4MHz(SECAM L')

#### 4-9 IF Response curve

1) Amplitude ripple in band (AGC Volt 4.0 ~ 0.8V) : ±3dB max.

Center: 34MHz ( Above 306MHz)

Center: 33.5MHz ( Below 300MHz)

2) 3dB bandwidth in band (AGC Volt 4.0 ~ 0.8V) for digital channel receiving

8MHz : The GPP3 port of the MT353 is high level.

7MHz : The GPP3 port of the MT353 is low level.

#### 4-10 Spurious Signals at Input Terminal

Local Oscillator Leakage : 46dBuV max.

## 13 Circuit Descriptions

### 4-11 Reference Frequency

The X-tal for the RF block's PLL : 4MHz

### 4-12 Phase Noise (step frequency 166.67kHz for digital)

@ 1kHz : -84dBc/Hz typ. -75dBc/Hz max.

@ 10kHz : -90dBc/Hz typ. -80dBc/Hz max.

### 4-13 Control Data Bus : I2C

### 4-14 Control Data Format : refer 5 section

### 4-15 Image PAL Interference Protection Ratio

: -49dB typ. -46dB min (at 2K, 8K mode) Note1.

### 4-16 Adjacent PAL Interference Protection Ratio. (N $\pm$ 1 channel)

: -38dB typ. -35dB min (at 2K, 8K mode) Note1.

### 4-17 Co-Channel PAL Interference Ratio.

: +1dB typ. +4dB min (at 2K, 8K mode) Note1.

#### ◆ Note1 :

Desire input signal condition

a : Modulation - 64QAM

b : Guard Interval - 1/32

c : Puncture Rate - 2/3

Undesired input signal condition :

PAL : Video 75% color bars

FM sound : 1kHz tone (P/S : 13dB,  $\pm$  50kHz deviation, freq. P/S : 6.0MHz)

※ Adjacent & Image channel PAL interference test procedure

a. Turn DVB-T source off ; adjust PAL PSP level to -25dBm

b. Turn PAL off ; turn DVB-T on

c. Adjust DVB-T to -25dBm

d. Turn PAL on and increase step PAL level to see the pixelation on the screen

e. Note protection ratio as the difference value between DVB-T and PAL's level

※ Co-Channel PAL interference test procedure

a. Turn PAL source off ; adjust DVB-T level to -50dBm

b. Turn DVB-T off ; turn PAL on

c. Adjust PAL to -50dBm

d. Turn DVB-T on and increase step attenuator in PAL channel until QEF.

### 4-18 Input Carrier to Noise (Additive White Gaussian Noise, QEF. Condition)

: 17.4dB typ. 18.4dB max. (64QAM, 2K,8K Mode, Code rate:2/3, input level:-50dBm)

: 22.5dB typ. 23.5dB max. (64QAM, 2K,8K Mode, Code rate:7/8, input level:-50dBm)

### 4-19 Sensitivity (QEF. Condition)

: -80dBm typ. -77dBm max.(64QAM, 2K,8K Mode, Code rate:2/3,Guard Interval 1/32)

: -73dBm typ. -70dBm max.(64QAM, 2K,8K Mode, Code rate:7/8,Guard Interval 1/32)

### 4-20 Multipath channel Interference (64QAM, 2K, 2/3code rate, 1/32G.I)

short echo : 20.2dB max

Path	Delay(us)	Relative Attenuation(dB)
1	0	2.8
2	0.05	0
3	0.4	3.8
4	1.45	0.1
5	2.3	2.6
6	2.8	1.3

short delay parameter

long echo : 22.2dB max

Path	Delay(us)	Relative Attenuation(dB)
1	0	0
2	5	9
3	14	22
4	35	25
5	54	27
6	75	28

long delay parameter

## 5. Electrical Characteristics ( Analog Demodulation )

### 5-1 PIF characteristics

Parameter		Specification			Unit	Remark
		Min.	Typ.	Max.		
Video Output Level		0.95	1.0	1.05	Vp-p	*Input level : 70dBuV *PAL : 87.5% mod.
Luminance S/N Ratio		45	47	-	dB	*Input level : VHF 70dBuV UHF 70dBuV *HPF : 100kHz *LPF : 5MHz, SC trap : ON *100% white signal (0.7Vp-p) *PAL : 87.5% mod. *Weight : OFF
Sensitivity VHF UHF		-	44 45	47 48	dBuV	S/N = 30dB HPF : 100kHz LPF : 5MHz, SC trap : ON 100% white signal PAL : 87.5% mod.
Chroma Distortion	DP	-7	3	+7	Deg	*Input level : 70dBuV
	DG	-7	3	+7	%	*10 stair step *PAL : 87.5% mod.
Y/C Delay		-75	0	75	nsec	Y is reference(B/G MODE)
Video Frequency Response					dB	*Input level : 70dBuV *Vedee Signal - PAL : 87.5 %, AM MOD - Muli - Burst Signal
	1.0MHz	-1.0	0	+1.0		
PAL	2.0MHz	-1.5	0	+1.5		
SECAM L	3.0MHz	-2.0	0	+2.0		
	4.43MHz	-4.0	-1	+1.5		
Video Frequency Response					dB	*Input level : 70dBuV *Vedee Signal - SECAM : 95 %, AM MOD - Muli - Burst Signal
	1.0MHz	-3.0	0	+3.0		
SECAM L'	2.0MHz	-3.5	0	+3.5		
	3.0MHz	-4.0	0	+3.5		
	4.43MHz	-6.5	-2.5	+3.0		
BURST LEVEL		15	25	45	%	*Input level : 70dBuV *Vedee Signal - PAL : 87.5 %, AM MOD (Standard Color Bar Signal)

## 13 Circuit Descriptions

### 5-2 AFT Characteristics

Parameter	Specification			Unit	Remark
	Min.	Typ.	Max.		
AFT Alignment Accuracy	+ 50	0	-50	KHz	Alignment center : 2.5V IF input level : 9 0dBuV P/S = -10dB Standard color bar :87.5% mod.

### 5-3 Audio characteristics

Parameter	Specification			Unit	Remark
	Min	Typ	Max		
SIF OUT Level	65	9 0		dBuV	Standard color bar 87.5% mod.

## 13-5 DTV MAIN ChipSet

### 13-5-1 STi5517SUA SPEC.

#### ■ Enhanced ST20 32-bit VL-RISC CPU

- 180 MHz, 8 Kbyte instruction cache, 8 Kbyte data cache and 8 Kbyte SRAM

#### ■ Shared memory interface

- 133 MHz, 16-bit wide SDRAM interface, 64 and 128 Mbit support

#### ■ Programmable external memory interface

- 6 separately configurable banks, 8/16-bits wide
- SRAM, SDRAM, Flash, SFlash support
- support for connection to HDD (PIO modes)

#### ■ Programmable transport interface (PTI)

- 2 input static MUX
- single transport stream demux: DVB and/or DIRECTV®
- integrated DES-ECB, DVB, ICAM, Fast-I descramblers
- support for low cost DVB-CI interface

#### ■ MPEG-2 MP@ML video decoder

- greater than 2x decoding speed
- trick modes including smooth fast-forward and rewind
- fully programmable horizontal and vertical SRCs

#### ■ Graphics/display

- 5 display planes
- 2, 4 and 8 bpp CLUT graphics, 256 x 30 bits (AYCbCr) CLUT entries, 16 bpp true color graphics, RGB565, ARGB1555, ARGB4444 formats, link-list control
- alpha blending, antialiasing, antilutter, antiflicker filters
- 2-D paced blitter engine with fill function
- display compositor with separate OSD controller for TV and VCR outputs

#### ■ PAL/NTSC/SECAM encoder

- RGB, CVBS, Y/C and YUV outputs with 10-bit DACs
- encoding of CGMS, Teletext, WSS, VPS, close caption

#### ■ Audio subsystem

- MPEG-1 layers I/II and layer III (MP-3)
- Dolby® Digital decoding
- Dolby Pro Logic® compatible output
- PCM mixing and sample rate conversion
- SRS/TruSurround® virtual surround sound
- IEC958/IEC1937 digital audio output interface
- integrated stereo audio DAC system

#### ■ DMA controller

#### ■ On-chip peripherals

- 5 ASCs (UARTs) with Tx and Rx FIFOs
- 6 8-bit banks of parallel I/O
- 2 smartcard interfaces and clock generators
- 2 SSCs for I C/SPI master/slave interfaces
- 4 PWM channels
- teletext serializer and DMA module
- multichannel infrared transmitter/receiver
- modem analog front-end interface (MAFE)
- TS output interface for connection to external IEEE1394 link-layer controller
- low-power / RTC / watchdog controller

#### ■ JTAG/TAP interface

#### ■ Package 27x27 PBGA416

## 13-5-2 CS4340 SPEC.

**Features**

- Complete Stereo DAC System: Interpolation, D/A, Output Analog Filtering
- 101 dB Dynamic Range
- 91 dB THD+N
- Low Clock Jitter Sensitivity
- +3 V to +5 V Power Supply
- Filtered Line Level Outputs
- On-Chip Digital De-emphasis for 32, 44.1, and 48 kHz
- 30 mW with 3 V supply
- Popguard<sup>®</sup> Technology for Control of Clicks and Pops

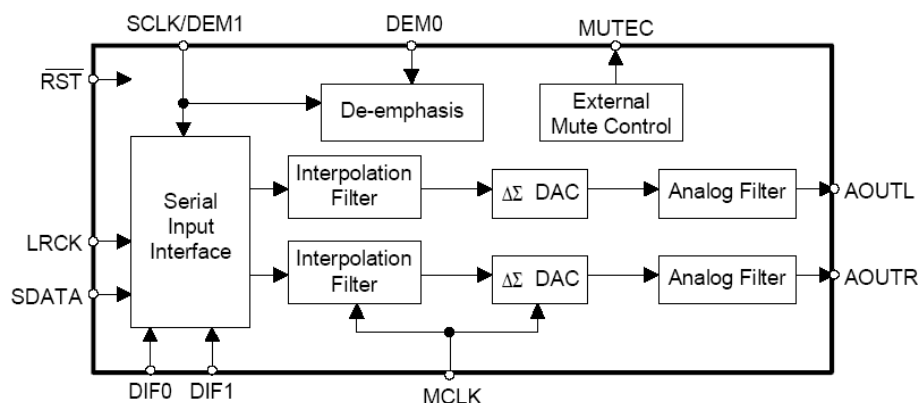
**Description**

The CS4340 is a complete stereo digital-to-analog system including digital interpolation, fourth-order delta-sigma digital-to-analog conversion, digital de-emphasis and switched capacitor analog filtering. The advantages of this architecture include: ideal differential linearity, no distortion mechanisms due to resistor matching errors, no linearity drift over time and temperature and a high tolerance to clock jitter.

The CS4340 accepts data at audio sample rates from 2 kHz to 100 kHz, consumes very little power, and operates over a wide power supply range. The features of the CS4340 are ideal for DVD players, CD players, set-top box and automotive systems.

**ORDERING INFORMATION**

CS4340-KS	16-pin SOIC, -10 to 70 °C
CS4340-BS	16-pin SOIC, -40 to 85 °C
CDB4340	Evaluation Board



### 13-5-3 MX29LV320CB(Flash Memory) SPEC.

#### FEATURES

##### GENERAL FEATURES

- 4,194,304 x 8 / 2,097,152 x 16 switchable
- Sector Structure
  - 8K-Byte x 8 and 64K-Byte x 63
- Extra 64K-Byte sector for security
  - Features factory locked and identifiable, and customer lockable
- Twenty-Four Sector Groups
  - Provides sector group protect function to prevent program or erase operation in the protected sector group
  - Provides chip unprotect function to allow code changing
  - Provides temporary sector group unprotect function for code changing in previously protected sector groups
- Single Power Supply Operation
  - 2.7 to 3.6 volt for read, erase, and program operations
- Latch-up protected to 250mA from -1V to Vcc + 1V
- Low Vcc write inhibit is equal to or less than 1.4V
- Compatible with JEDEC standard
  - Pinout and software compatible to single power supply Flash

##### PERFORMANCE

- High Performance
  - Fast access time: 70/90/120ns
  - Fast program time: 7us/word typical utilizing accelerate function
  - Fast erase time: 1.6s/sector, 112s/chip (typical)

- Low Power Consumption
  - Low active read current: 10mA (typical) at 5MHz
  - Low standby current: 200nA (typical)
- Minimum 100,000 erase/program cycle
- 10-year data retention

##### SOFTWARE FEATURES

- Erase Suspend/ Erase Resume
  - Suspends sector erase operation to read data from or program data to another sector which is not being erased
- Status Reply
  - Data polling & Toggle bits provide detection of program and erase operation completion
- Support Common Flash Interface (CFI)

##### HARDWARE FEATURES

- Ready/Busy (RY/BY) Output
  - Provides a hardware method of detecting program and erase operation completion
- Hardware Reset (RESET) Input
  - Provides a hardware method to reset the internal state machine to read mode
- $\overline{WP}/ACC$  input pin
  - Provides accelerated program capability

##### PACKAGE

- 48-Pin TSOP
- 48-Ball CSP



## 13-6 DTV MAIN Chipset (Only for R62F)

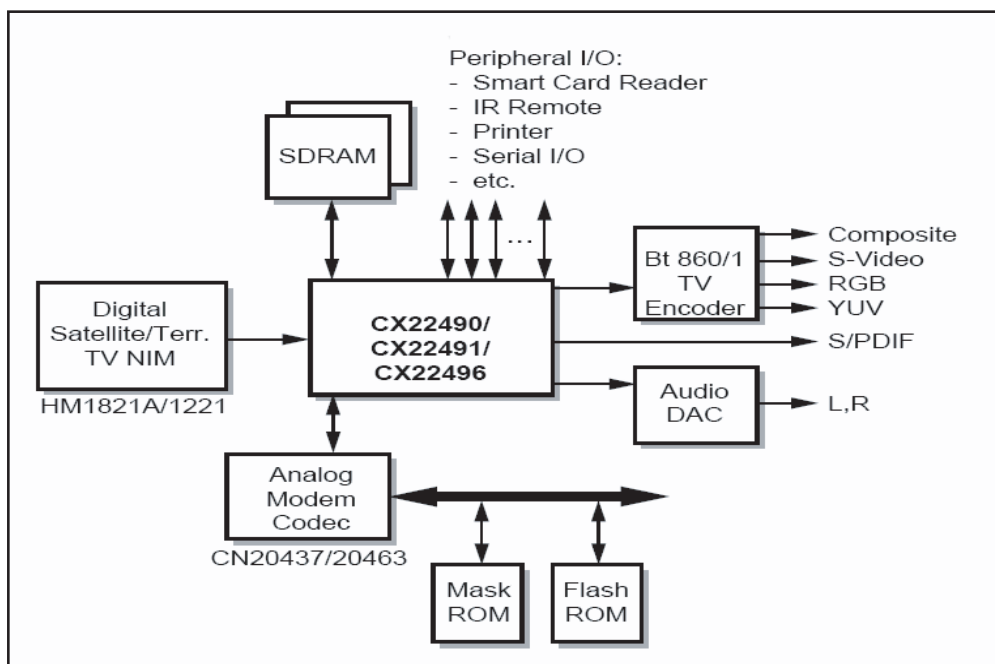
### 13-6-1 CX22496 SPEC.

#### 1. Transport/PES Stream De-Multiplexing

A transport stream is received into the MPEG-2/DVB Transport Stream De-multiplexer. This block contains a DVB common descrambling processor to perform transport or PES payload descrambling. The embedded CPU retrieves ECMs and EMMs from the PSI/SI data and obtains control keys from the EMMs and the smart card interface controller. The CX22491/CX22496 also includes NDS proprietary conditional access gates. After descrambling and error recovery, the Transport Stream De-multiplexer performs transport header parsing, PES header parsing and PSI/SI header parsing and extraction. The PID filters pass through the selected video and audio data, the PCR, as well as up to 36 other user-defined packet streams. The Program Clock Reference is sent to a system timing generator while the other streams are temporarily stored in local memory. Video and Audio streams are automatically detected and sent to the MPEG-2 Video Decoder and MPEG Audio/Dolby Digital Decoder blocks respectively, while user data streams (including teletext and sub-titling) must be taken out of local SDRAM memory by the embedded ARM CPU. A system timing generator uses a single external 14.318MHz crystal and on-chip PLLs to provide all required clock signals for A/V decoding, memory controller, CPU, display controller, audio controller, clock recovery and modem functions.

2. Video Decoding The MPEG video decoder module decodes MPEG-1 and MPEG-2 MP@ML video bitstreams at bit-rates up to 15Mbit/sec. A range of video picture resolutions are supported including: 720x576, 544x576, 480x576, 352x576, 352x288, 720x480, 544x480, 480x480, 352x480, 352x240. Up-sampling to CCIR601 for the low resolution picture modes is implemented using a high performance two dimensional interpolation filter. Error concealment is applied down to the slice level.

3. Audio Decoding and PCM Output CX22490/1/6 supports MPEG-1 single channel, dual channel, joint-stereo and stereo modes. MPEG-2 backward compatible bit-streams are also supported at both half and full sample rates. MPEG audio can be decoded with or without de-emphasis. For Dolby Digital bit-streams, the CX22490/1/6 internally decodes 5.1 channels of PCM audio but only the ProLogic encoded, stereo down-mixed pair are provided as outputs



## 13-6-2 UDA4330D(Audio DAC) SPEC.

- Low power consumption
- Power supply voltage from 2.7 to 5.5 V
- Selectable control via L3 microcontroller interface or via static pin control
- System clock frequencies of 256fs, 384fs and 512fs selectable via L3 interface or 256fs and 384fs via static pin control
- Supports sampling frequencies ( $f_s$ ) from 8 to 55 kHz
- Integrated digital filter plus non inverting Digital-to-Analog Converter (DAC)
- No analog post filtering required for DAC
- Slave mode only applications
- Easy application
- Small package size (SSOP16)
- TTL tolerant input pads
- Pin and function compatible with the UDA1320ATS.

**Multiple format input interface**

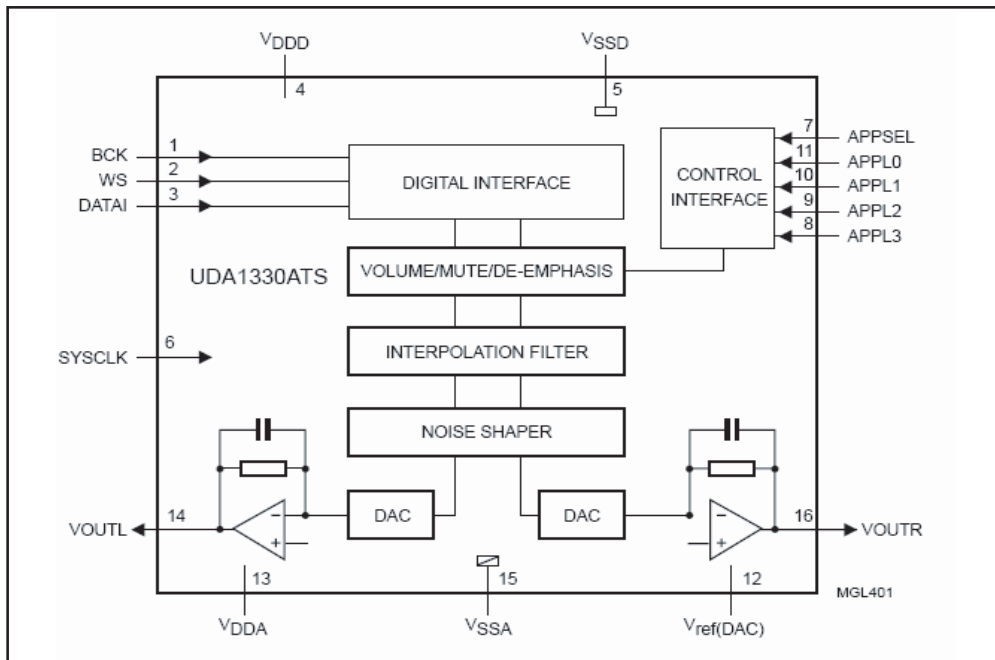
- L3 mode: I 2 S-bus, MSB-justified or LSB-justified 16, 18 and 20 bits format compatible
- Static pin mode: I 2 S-bus and LSB-justified 16, 18 and 20 bits format compatible
- 1fs input format data rate.

**DAC digital sound processing**

- Digital logarithmic volume control in L3 mode
- Digital de-emphasis for 32, 44.1 and 48 kHz sampling frequencies in L3 mode or 44.1 kHz sampling frequency in static pin mode
- Soft mute control both in static pin mode and L3 mode.

**Advanced audio configuration**

- Stereo line output (volume control in L3 mode)
- High linearity, wide dynamic range and low distortion.



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## 14 Reference Information

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### 14-1 Technical Terms

#### - TFT-LCD

##### (Thin film Transistor Liquid Crystal Display)

ADC(Analog to Digital Converter)

This is a circuit that converts from analog signal to digital signals.

#### - PLL(Phase Locked Loop)

During progressing ADC, Device makes clock synchronizing HSYNC with Video clock

#### - Inverter

Device that supply Power to LCD panel lamp. this device generate about 1,500~2,000V.

#### - AC Adapter

Device that converts AC(90V~240V) to DC(+12V or 14V)

#### - SMPS(Switching Mode Power Supply)

Switching Mode Power supply. This design technology is used to step up/down the input power by switching on/off

#### - FRC(Frame Rate Controller)

Technology that change image frame quantity displayed on screen for one second.

Actually TFT-LCD panel require 60 pcs of frame for one second.

so, this technology is needed to convert input image to 60 pcs regardless input frame quantity.

#### - Image Scaler

Technology that convert various input resolution to other resolution.(ex. 640\* 480 to 1024\*768)

#### - Auto Configuration(Auto adjustment)

This is an algorithm to adjust monitor to optimum condition by pushing one key.

#### - OSD(On Screen Display)

On screen display. customer can control the screen easily with this.

#### - Image Lock

This means "Fineness adjustment" in LCD Monitor, the features are "Fine" and "Coarse"

#### - FINE

"Fine" adjustment is used to adjust visibility by control phase difference.

#### - COARSE

This is a adjustment by tuning with Video clock and PLL clock.

#### - L.V.D.S.(Low Voltage Differential Signaling)

a kind of transmission method for Digital. It can be used from Main PBA to Panel.

#### - DVI (Digital Visual Interface)

This provides a high speed digital connection for visual data types that is display technology independent. this interface is primarily focused at providing a connection between a computer and its display device.

#### - T.M.D.S

##### (Transition minimized Differential Signaling)

a kind of transmission method for Digital.

It can be used from Video card to Main PBA.

**- DDC(Display data channel)**

It is a communication method between Host Computer and related equipment.

It can make it Plug and Play between PC and Monitor.

**- EDID**

Extended Display Identification Data PC can recognize the monitor information as Product data, Product name, Display mode, Serial number and Signal source, etc through DDC Line communicating with PC and Monitor.

**- Dot Pitch**

The image on a monitor is composed of red, green and blue dots. The closer the dots, the higher the resolution. The distance between two dots of the same color is called the 'Dot Pitch'.

Unit: mm

**- Vertical Frequency**

The screen must be redrawn several times per second in order to create and display an image for the user. The frequency of this repetition per second is called Vertical Frequency or Refresh Rate. Unit: Hz

**Example:** If the same light repeats itself 60 times per second, this is regarded as 60 Hz.

**- Horizontal Frequency**

The time to scan one line connecting the right edge to the left edge of the screen horizontally is called Horizontal Cycle. The inverse number of the Horizontal Cycle is called Horizontal Frequency. Unit: kHz

**- Interlace and Non-Interlace Methods**

Showing the horizontal lines of the screen from the top to the bottom in order is called the Non-Interlace method while showing odd lines and then even lines in turn is called the Interlace method. The Non-Interlace method is used for the majority of monitors to ensure a clear image. The Interlace method is the same as that used in TVs.

**- Plug & Play**

This is a function that provides the best quality screen for the user by allowing the computer and the monitor to exchange information automatically. This monitor follows the international standard VESA DDC for the Plug & Play function.

**- Resolution**

The number of horizontal and vertical dots used to compose the screen image is called 'resolution'. This number shows the accuracy of the display. High resolution is good for performing multiple tasks as more image information can be shown on the screen.

**Example:** If the resolution is 1280 x 1024, this means the screen is composed of 1280 horizontal dots (horizontal resolution) and 1024 vertical lines (vertical resolution).

**- BTSC**

Broadcast Television System Committee  
The stereo broadcasting system that is used in most of the countries that have adopted the NTSC system, including the United States, Canada, Chile, Venezuela and Taiwan. It also refers to the organization that has been organized to promote its development and management.

**- EIAJ**

Electronic Industries Association of Japan.

**- RF Cable**

A round signal cable generally used for TV antennas.

**- Satellite Broadcasting**

Broadcasting service provided via satellite. Enables high picture quality and clear sound throughout the country regardless of the location of the viewer.

**- Sound Balance**

Balances the levels of the sound coming from each speaker in televisions with two speakers.

**- Cable TV**

Whereas the terrestrial broadcasting is delivered via frequency signals through the air, cable broadcasting is transmitted via a cable network. In order to view cable TV, one must purchase a cable receiver and hook it up to the cable network.

**- CATV**

"CATV" refers to the broadcasting service offered at hotels, schools and other buildings through their own broadcasting system, apart from VHF or UHF broadcasting by terrestrial broadcasters. The CATV programs may include movies, entertainment and educational programs. (Different from cable TV.)

CATV can be viewed only within the area in which the CATV service is offered.

**- S-Video**

Short for "Super Video." S-Video allows up to 800 lines of horizontal resolution, enabling high-quality video.

**- VHF/UHF**

VHF indicates TV channels 2 to 13, and UHF indicates channels 14 through 69.

**- Channel Fine Tuning**

This feature allows the viewer to fine-tune the TV channel to obtain the best viewing conditions. The Samsung LCD TV has both automatic and manual channel fine-tuning features to enable the viewer to adjust their desired settings.

**- External Device Input**

External device input refers to video input from such external video devices as VCRs, camcorders and DVD players, separate from a TV broadcast.

## 14-2 Pin Assignments

## 14-2-1 DVI-D

Sync Type Pin No.	24P DVI-D		
1	Rx2-	13	NC
2	Rx2+	14	DDC Input power (+5V)
3	GND	15	IDENT-DVI
4	NC	16	Output Signal (HDCP Control)
5	NC	17	Rx0-
6	DDC - SCL	18	Rx0+
7	DDC - SDA	19	GND
8	NC	20	NC
9	Rx1-	21	NC
10	Rx1+	22	GND
11	GND	23	RxC+
12	NC	24	RxC-

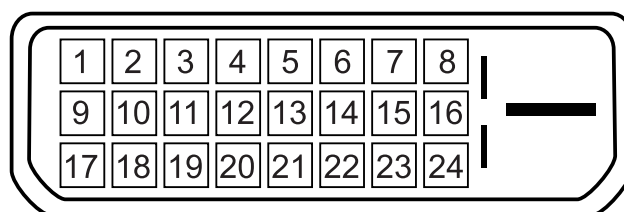


Figure 1.

## 14-2-2 Component

RCA Green	Y
	GND
RCA Blue	Pb (Cb)
	GND
RCA Red	Pr (Cr)
	GND
RCA White	Audio L
	GND
RCA Red	Audio R
	GND

## 14-2-3 S-Video

Pin	Separate
1	GND
2	Y
3	C
4	GND
5	GND

## 14-2-5 D-SUB

Pin	Separate
1	Red
2	Green
3	Blue
4	GND
5	GND
6	GND Red
7	GND Green
8	GND Blue
9	DDC Input power(+5V)
10	IDENT PC
11	GND
12	DDC Data(SDA)
13	H SYNC
14	V SYNC
15	DDC Clock(SCL)

## 14-2-4 A/V

RCA Yellow	CVBS
RCA White	Audio L
	GND
RCA Red	Audio R
	GND

## 14-2-6 PC Display mode

Both screen position and size will vary depending on the type of PC monitor and its resolution.

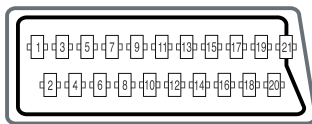
The resolutions in the table are recommended. (All resolutions between the supported limits are supported)

Mode	Resolution	Horizontal Frequency (kHz)	Vertical Frequency (Hz)	Pixel Clock Frequency (MHz)	Sync Polarity (H/V)
IBM	640 x 480	31.469	59.940	25.175	- / -
	720 x 400	31.469	70.087	28.322	- / +
VESA	640 x 480	37.861	72.809	31.500	- / -
	640 x 480	37.500	75.000	31.500	- / -
	800 x 600	37.879	60.317	40.000	+ / +
	800 x 600	48.077	72.188	50.000	+ / +
	800 x 600	46.875	75.000	49.500	+ / +
	1024 x 768	48.364	60.000	65.000	- / -
	1024 x 768	56.476	70.069	75.000	- / -
	1024 x 768	60.023	75.029	78.750	+ / +
	1360 x 768	47.712	60.015	85.800	+ / +

- The interlace mode is not supported.
- The set might operate abnormally if a non-standard video format is selected.
- DVI does not support PC function.

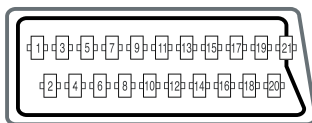
## 14 Reference Information

### 14-2-7 Scart 1



Pin	Signal	Pin	Signal
1	Audio output R	12	NC
2	Audio input R	13	Video GND (RGB red)
3	Audio output L	14	GND
4	Audio common GND	15	RGB red input
5	Video GND (RGB blue)	16	Fast Blanking signal (RGB switching)
6	Audio input L	17	Video output GND
7	RGB blue input	18	Video input GND
8	Switching voltage	19	Video output (CVBS out)
9	Video GND (RGB green)	20	Video input (CVBS in)
10	NC	21	Common GND
11	RGB green input		

### 14-2-8 Scart 2



Pin	Signal	Pin	Signal
1	Audio output R	12	NC
2	Audio input R	13	Video GND (RGB red)
3	Audio output L	14	GND
4	Audio common GND	15	RGB red input
5	Video GND (RGB blue)	16	NC
6	Audio input L	17	Video output GND
7	RGB blue input	18	Video input GND
8	Switching voltage	19	Video output (CVBS out)
9	Video GND (RGB green)	20	Video input (CVBS in)
10	NC	21	Common GND
11	RGB green input		

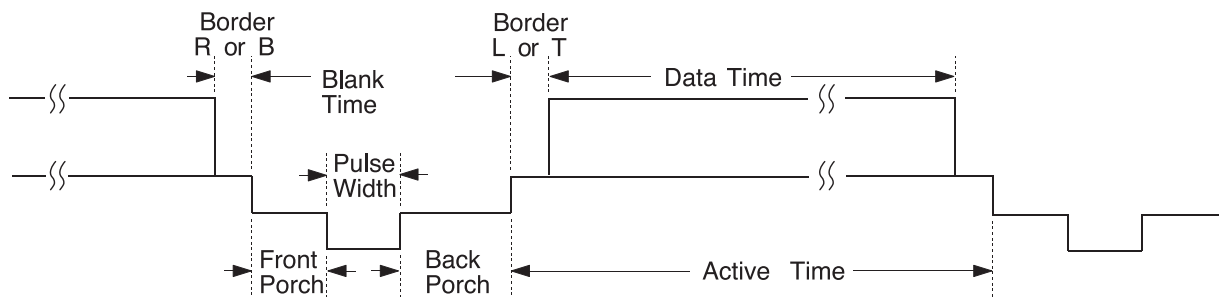


## 14-3 Timing Chart

This section of the service manual describes the timing that the computer industry recognizes as standard for computer-generated video signals.

### 14-3-1 LCD Panel Mode1 mode

Timing No.	LTA400W2
Originator	VESA
Mode Name	1366/60Hz
Resolution (HxV)	1366x768
HORIZONTAL	
Frequency	47.712kHz
Total time	20.959 $\mu$ s
Active time	15.906 $\mu$ s
Blank time	5.053 $\mu$ s
Border(L / R)	0.000 $\mu$ s
Data time	15.906 $\mu$ s
Front porch	0.749 $\mu$ s
Sync. width	1.702 $\mu$ s
Back porch	2.994 $\mu$ s
Sync. polarity	Positive
VERTICAL	
Frequency	60.015Hz
Total time	16.662 ms
Active time	16.097 ms
Blank time	0.566 ms
Border(T / B)	0.000 ms
Data time	16.097 ms
Front porch	0.063 ms
Sync. width	0.105 ms
Back porch	0.377 ms
Sync polarity	Positive
Dot Clock	85.500MHz
Sync. Type	Separate
Scan Type	N/I



## 14-3-2 Supported Modes (1)

Timing No.	2	3	11	17	32
Originator	IBM	IBM	VESA	VESA	MAC
Mode Name	VGA2	VGA3	640/72Hz	640/75Hz	640/67Hz
Resolution (HxV)	720x400	640x480	640x480	640x480	640x480
HORIZONTAL					
Frequency	31.469kHz	31.469kHz	37.861kHz	37.500kHz	35.000kHz
Total time	31.777μs	31.778μs	26.413μs	26.667μs	28.571μs
Activetime	26.058μs	26.058μs	20.825μs	20.317μs	21.164μs
Blank time	5.720μs	5.720μs	5.588μs	6.350μs	7.407μs
Border(L / R)	0.318μs	0.318μs	0.254μs	0.000μs	0.000μs
Data time	25.422μs	25.422μs	20.317μs	20.317μs	21.164μs
Front porch	0.318μs	0.318μs	0.508μs	0.508μs	2.116μs
Sync. width	3.813μs	3.813μs	1.270μs	2.032μs	2.116μs
Back porch	1.589μs	1.589μs	3.810μs	3.810μs	3.175μs
Sync. polarity	Negative	Negative	Negative	Negative	Negative
VERTICAL					
Frequency	70.087Hz	59.940Hz	72.809Hz	75.000Hz	66.667Hz
Total time	14.268ms	16.683ms	13.735ms	13.333ms	15.000ms
Active time	13.155ms	15.761ms	13.100ms	12.800ms	13.714ms
Blank time	1.113ms	0.922ms	0.635ms	0.533ms	1.286ms
Border(T / B)	0.222ms	0.254ms	0.211ms	0.000ms	0.000ms
Data time	12.711ms	15.253ms	12.678ms	12.800ms	13.714ms
Front porch	0.191ms	0.064ms	0.026ms	0.027ms	0.086ms
Sync. width	0.064ms	0.064ms	0.079ms	0.080ms	0.086ms
Back porch	0.858ms	0.794ms	0.528ms	0.427ms	1.114ms
Sync. polarity	Positive	Negative	Negative	Negative	Negative
Dot Clock	28.322MHz	25.175MHz	31.500MHz	31.500MHz	30.240MHz
Sync. Type	Separate	Separate	Separate	Separate	Separate
Scan Type	N/I	N/I	N/I	N/I	N/I

## 14-3-3 Supported Modes (2)

Timing No.	13	14	18
Originator	VESA	VESA	VESA
Mode Name	800/60Hz	800/72Hz	800/75Hz
Resolution (HxV)	800x600	800x600	800x600
HORIZONTAL			
Frequency	37.879kHz	48.077kHz	46.875kHz
Total time	26.400 $\mu$ s	20.800 $\mu$ s	21.333 $\mu$ s
Activetime	20.000 $\mu$ s	16.000 $\mu$ s	16.162 $\mu$ s
Blank time	6.400 $\mu$ s	4.800 $\mu$ s	5.171 $\mu$ s
Border(L / R)	0.000 $\mu$ s	0.000 $\mu$ s	0.000 $\mu$ s
Data time	20.000 $\mu$ s	16.000 $\mu$ s	16.162 $\mu$ s
Front porch	1.000 $\mu$ s	1.120 $\mu$ s	0.323 $\mu$ s
Sync. width	3.200 $\mu$ s	2.400 $\mu$ s	1.616 $\mu$ s
Back porch	2.200 $\mu$ s	1.280 $\mu$ s	3.232 $\mu$ s
Sync. polarity	Positive	Positive	Positive
VERTICAL			
Frequency	60.317Hz	72.188Hz	75.000Hz
Total time	16.579ms	13.853ms	13.333ms
Active time	15.840ms	12.480ms	12.800ms
Blank time	0.739ms	1.373ms	0.533ms
Border(T / B)	0.000ms	0.000ms	0.000ms
Data time	15.840ms	12.480ms	12.800ms
Front porch	0.026ms	0.770ms	0.021ms
Sync. width	0.106ms	0.125ms	0.064ms
Back porch	0.607ms	0.478ms	0.448ms
Sync polarity	Positive	Positive	Positive
Dot Clock	40.000MHz	50.000MHz	49.500MHz
Sync. Type	Separate	Separate	Separate
Scan Type*	N/I	N/I	N/I

## 14-3-4 Supported Modes (3)

Timing No. Originator Mode Name Resolution (HxV)	15 VESA 1024/60Hz 1024x768	16 VESA 1024/70Hz 1024x768	19 VESA 1024/75Hz 1024x768	VESA 1360/60Hz 1360x768
HORIZONTAL Frequency Total time Activetime Blank time Border(L / R) Data time Front porch Sync. width Back porch Sync. polarity	48.363kHz 20.677 $\mu$ s 15.754 $\mu$ s 4.923 $\mu$ s 0.000 $\mu$ s 15.754 $\mu$ s 0.369 $\mu$ s 2.092 $\mu$ s 2.462 $\mu$ s Negative	56.476kHz 17.707 $\mu$ s 13.653 $\mu$ s 4.053 $\mu$ s 0.000 $\mu$ s 13.653 $\mu$ s 0.320 $\mu$ s 1.813 $\mu$ s 1.920 $\mu$ s Negative	60.023kHz 16.660 $\mu$ s 13.003 $\mu$ s 3.777 $\mu$ s 0.000 $\mu$ s 13.003 $\mu$ s 0.323 $\mu$ s 1.219 $\mu$ s 2.235 $\mu$ s Positive	47.712kHz 20.959 $\mu$ s 15.906 $\mu$ s 5.053 $\mu$ s 0.000 $\mu$ s 15.906 $\mu$ s 0.749 $\mu$ s 1.702 $\mu$ s 2.994 $\mu$ s Positive
VERTICAL Frequency Total time Active time Blank time Border(T / B) Data time Front porch Sync. width Back porch Sync polarity	60.004Hz 16.666ms 15.880ms 0.786ms 0.000ms 15.880ms 0.062ms 0.124ms 0.600ms Negative	70.069Hz 14.272ms 13.599ms 0.672ms 0.000ms 13.599ms 0.053ms 0.106ms 0.513ms Negative	75.029Hz 13.328ms 12.795ms 0.533ms 0.000ms 12.795ms 0.017ms 0.050ms 0.466ms Positive	60.015Hz 16.662 ms 16.097ms 0.566 ms 0.000 ms 16.097ms 0.063ms 0.105ms 0.377ms Positive
Dot Clock	65.000MHz	75.000MHz	78.750MHz	85.500MHz
Sync. Type	Separate	Separate	Separate	Separate
Scan Type	N/I	N/I	N/I	N/I

## 14-4 Panel Description

Maker	VENDOR P/N	PANEL_CODE	PANEL_ABB	STICKER_CODE	Remarks
SEC	LT140X1-002	BN07-00004A	SA	BN68-00239H	-
SEC	LT150XS-L01	BN07-00009A	SB		-
SEC	LT150XS-L01-B	BN07-00022A	SC		-
SEC	LTM150XS-L02	BN07-00005A	SD		-
SEC	LT181E2-132	BN07-00001A	SE		-
SEC	LT150XS-T01	BN07-00010A	SF		-
SEC	LTM181E3-132	BN07-00019A	SG		-
SEC	LT170E2-131	BN07-10001D	SH		-
SEC	LT181E2-131	BN07-10001E	SJ		-
SEC	LTM170E4-L01	BN07-00018A	SK		-
SEC	LTM240W1-L01	BN07-00015A	SL		-
SEC	LTM213U3-L01	BN07-00016A	SM		-
SEC	LTM150XH-L01	BN07-00026A	SN		-
SEC	LTM150XH-L03	BN07-00027A	SP		-
SEC	LTM150XS-L01	BN07-00032A	SQ		DELL(ZPD)
SEC	LTM181E4-L01	BN07-00034A	SR		PVA
SEC	LTM170EH-L01	BN07-00036A	SS		TN
SEC	LTM170E5-L01	BN07-00037A	SU		PVA
SEC	LTM150XH-L11	BN07-00041A	SV		-
SEC	LTM213U4-L01	BN07-00039A	SW		PVA
SEC	LTM150XH-L01(ZPD)	BN07-00045A	SX		ZPD
SEC	LTM150XH-L04	BN07-00046A	SY		New panel with high brightness
SEC	LTM170W1-L01	BN07-00047A	SZ		Panel for TV
SEC	LTM150XH-L06	BN07-00053A	EA		Panel for TV/ High luminance for 450cd _ SONY&EOS Team Panel for TV
SEC	LTM153W1-L01	BN07-00054A	EB		Use NIKE MODEL
SEC	LTM170EH-L05	BN07-00055A	EC		Panel EOS proj. for high brightness of 17" EH-L05
SEC	LTM170E5-L03	BN07-00056A	ED		Dell 1702FP pro. E4. EH mechanical Compatible
SEC	LTM190E1-L01	BN07-00057A	EE		DELL 1900 FP
SEC	LTM181E5-L01	BN07-00061A	EF		18" narrow bezel GH18PS
SEC	LTM150XP-L01	BN07-00065A	EG		AMLCD PVA PANEL
SEC	LTM240W1-L02	BN07-00062A	EH		Panel for 15" Wide TV
SEC	LTM170EU-L01	BN07-00071A	EJ		Slim design, TN
SEC	LTM170E5-L04	BN07-00072A	EK		E5-L04 6 bits FRC... for IBM
SEC	LTA220W1-L01	BN07-00074A	EL		Panel for 22" TV
SEC	LTM170E6-L02	BN07-00075A	EM		AMLCD Narrow & slim design 17" PVA mode
SEC	LTM170W1-L01	BN07-00082A	EN		LTM170W1-L01 ZPD panel
SEC	LTM170EH-L01	BN07-00080A	EP		LTM170EH-L01 ZPD panel
SEC	LTM170E5-L01	BN07-00081A	EQ		LTM170E5-L01 ZPD panel
SEC	LTM170EH-L05	BN07-00083A	ER		LTM170EH-L05 ZPD panel
SEC	LTM170E5-L03	BN07-00084A	ES		LTM170E5-L03 ZPD panel
SEC	LTM170EU-L01	BN07-00085A	ET		LTM170EU-L01 ZPD panel
SEC	LTM170E5-L04	BN07-00086A	EU		LTM170E5-L04 ZPD panel
SEC	LTM170E6-L02	BN07-00087A	EV		LTM170E6-L02 ZPD panel
SEC	LTM150XH-L06	BN07-00091A	EW		Color coordinates change for LCD TV
SEC	LTM153W1-L01	BN07-00092A	EX		AMLCD WIDE 15",9/10
SEC	LTM170W1-L01	BN07-00100A	EY		Color Coordinates change code management
SEC	LTM170EH-L05	BN07-00097A	EZ		LTM170E5-L05 Color Coordinates Change Panel Code

## 14 Reference Infomation

Maker	VENDOR P/N	PANEL_CODE	PANEL_ABB	STICKER_CODE	Remarks
SEC	LTA400W1-L01	BN07-00109A	S1		PANEL of AMLCD 40" TV
SEC	LTM153W1-L01	BN07-00110A	S2		Color coordinates change 0.280/0.290, 10000k & ZPD Panel
SEC	LTM150XH-L06	BN07-00111A	S3		Color coordinates change 0.280/0.290, 10000k & ZPD Panel
SEC	LTM170W1-L01	BN07-00112A	S4		Color coordinates change 0.280/0.290, 10000k & ZPD Panel
SEC	LTM170EH-L05	BN07-00113A	S5		Color coordinates change 0.280/0.290, 10000k & ZPD Panel
SEC	LTM220W1-L01	BN07-00114A	S6		ZPD Panel for AMLCD 22" TV
SEC	LTM150XH-L06	BN07-00117A	S7		ZPD Panel code
SEC	LTM153W1-L01	BN07-00118A	S8		ZPD Panel code
SEC	LTM170WP-L01	BN07-00119A	S9		PVA Panel for NIKE
SEC	LTM213U4-L01	BN07-00039A	E1		21.3" NARROW
SEC	LTA260W1-L01	BN07-00121A	E2		VENUS
SEC	LTA220W1-L01	BN07-00074B	E3		"Panel B-level panel code for 22" TV Panel "
SEC	LTA320W1-L01	BN07-00108A	E4		"Panel for AMLCD 32" TV"
SEC	LTM213U4-L01	BN07-00124A	E5		NARROW BEZEL 21 " PANEL
SEC	LTM170E6-L04	BN07-00129A	E6		"HIGHLAND 17"" LOW PANEL (Panel only for TCO03)"
SEC	LTM190E1-L01	BN07-00088A	E7		LTM190E1-L01 ZPD panel
SEC	M150X4-L06	BN07-00137A	E8		15" Narrow & Slim panel
SEC	LTA170V1	BN07-00139A	E9		"17"" Panel for Muse 4:3 VGA TV"
SEC	LTM190E1-L02	BN07-00128A	E10		"New Panel from AMLCDI, Specification : 6bit Driver IC"
SEC	LTM170EX-L01	BN07-00143A	E11		"Development new Panel from AMLCD"
SEC	LTM170E8-L01	BN07-00144A	E12		"Development new Panel from AMLCD"
SEC	LTM170E6-L04	BN07-00129B	E13		"ZPD panel for AMLCD (Panel only for TCO03)"
SEC	LTA320W1-L02	BN07-00108B	E14		"Creat B-level Panel code for AMLCD 32" TV"
SEC	LTM190E1-L03	BN07-00151A	E15		"Development new 19"" Panel form AMLCD (Panel only for TCO03)"
SEC	LTM240W1-L03	BN07-00134A	E16		"AMLCD 24"" panel development"
SEC	LTM190E1-L02	BN07-00128B	E17		"New Panel from AMLCD, Specification : 6bit Driver IC(ZPD)"
SEC	LTM190E4-L01	BN07-00145A	E18		"AMLCD 24"" new panel development"
SEC	LTM170E8-L01	BN07-00158A	E19		"ZPD code derivation"
SEC	LTM170EX-L01	BN07-00159A	E20		"ZPD code derivation"
SEC	LTM190E1-L03	BN07-00151B	E21		"Creat new panel code for AMLCD 19"" (Panel only for TCO03)"
SEC	LTA460H1-L01	BN07-00157A	E22		"creat panel code for AMLCD 46"" TV "
SEC	LTM170EU-L11	BN07-00160A	E23		"creat new panel code for AMLCD 17"" (Panel only for TCO03)"
SEC	LTM240W1-L03	BN07-00134B	E24		"24"" panel ZPD code derivation"
SEC	LTM190E4-L01	BN07-00145B	E25		"AMLCD 19"" ZPD Panel code derivation"
SEC	LTM240W1-L03	BN07-00134B	E26		"24"" panel ZPD code derivation"
SEC	LTM150XO-L01	BN07-00164A	E27		"AMLCD 15"" XO-L01 new panel development"
SEC	LTM150XO-L01	BN07-00164B	E28		"AMLCD 15"" XO-L01 ZPD code derivation"
SEC	LTM170EU-L11	BN07-00160B	E29		"AMLCD 17"" NEW panel code derivation"
SEC	LTA320W2-L01	BN07-00172A	SPZ		AMLCD 32" NEW panel
SEC	LTM213U4-L01	BN07-00124B	SPZ		21.3" Narrow PANEL ZPD Panel derivation
SEC	LTM170EU-L11	BN07-00189A	STH		AMLCD EU-L11 Pb free panel code derivation
SEC	LTM170EU-L11	BN07-00189B	STZ		AMLCD EU-L11 Pb free panel ZPD code derivation
SEC	LTM240W1-L04	BN07-00188A	SPH		24" A-DCC new panel development
SEC	LTM240W1-L04	BN07-00188B	SPZ		24" A-DCC panel ZPD code derivation
SEC	LTM190EX-L01	BN07-00191A	STH		AMLCD 19" TN new Panel
SEC	LTM190EX-L02	BN07-00191B	STZ		AMLCD 19" TN new Panel ZPD derivation
SEC	LTA230W1-L02	BN07-00184A	SPZ		AMLCD 23" 16:9 new Panel

Maker	VENDOR P/N	PANEL_CODE	PANEL_ABB	STICKER_CODE	Remarks
SEC	LTA260W2-L01	BN07-00185A	SPZ		AMLCD 26" 16:9 new Panel
SEC	LTM240M1-L01	BN07-00195A	SPH		24" panel with high brightness development
SEC	LTA400W2-L01	BN07-00186A	SPZ		AMLCD 40" 16:9 new Panel
SEC	LTM150XO-L01	BN07-00197A	STH		AMLCD 15" XO-L01 Pb free panel code
SEC	LTM150XO-L01	BN07-00197B	STZ		AMLCD 15" XO-L01 Pb free panel ZPD code
SEC	LTM170EU-L21	BN07-00202A	STZ		AMLCD EU-L21 ZPD new code derivation
SEC	LTA460W2-L03	BN07-00187A	SPZ		BEETOVEN 46" ZPD new panel
SEC	LTM240M1-L01	BN07-00195B	SPZ		24" igh brightness panel ZPD code derivation
SEC	M170EX-L21	BN07-00206A	STZ		AMLCD LTM170EX-L21 ZPD new code derivation
SEC	LTA460H3-L01	BN07-00200A	SPZ		AMLCD 46" LED BLU panel
SEC	LTM170EU-L15	BN07-00214A	STZ		AMLCD EU-L15 TV high brightness ZPD new code derivation
SEC	LTM170E8-L21	BN07-00218A	SPZ		AMLCD LTM170E8-L21 PVA ZPD new code derivation
SEC	LTM190EX-L21	BN07-00222A	STZ		DISPLAY LCD
SEC	LTM201U1-L01	BN07-00190B	SPZ		AMLCD 20.1" Normal panel ZPD code derivation
SEC	LTM190E4-L21	BN07-00223A	SPZ		HAYDN 17" PZD code PANEL derivation
SEC	LTA570H1-L01	BN07-00196A	SPZ		AMLCD 57" new panel development
SEC	LTM150XO-L21	BN07-00229A	STZ		AMLCD 15" XO-L21 8ms panel code
SEC	LTA260W2-L11	BN07-00239A	SPZ		AMLCD 26" 16:9 7Line new Panel
SEC	LTA400WS-LH1	BN07-00245A	SPZ		AMLCD 40" 16:9 SPVA 90% new Panel
SEC	LTM213U6-L01	BN07-00231A	SPZ		AMLCD 21.3" PVA new Panel Code
SEC	LTA320WS-LH2	BN07-00244A	SPZ		AMLCD 32" 16:9 SPVA 90% new Panel
SEC	LTA400WS-LH1	BN07-00245A	SPZ		AMLCD 40" 16:9 SPVA 90% new Panel
CPT	CLAA150XG09	BN07-00141A	PA		"CPT 15"" Monitor new panel development"
CPT	CLAA170EA02	BN07-00148A	PB		"17"" CPT NEW development panel"
CPT	CLAA170EA02	BN07-00148B	PC		"17"" CPT ZPD panel code derivation"
CPT	CLAA150XG09	BN07-00141B	PTZ		"CPT 15"" panel ZPD code derivation (GOYA-PJT)"
CPT	CLAA150XP01	BN07-00173A	PTH		CPT 15" PSWG code derivation
CPT	CLAA150XP01	BN07-00173B	PTZ		CPT 15" PSWG panel ZPD code
CPT	CLAA170EA07	BN07-00174A	PTH		"CPT 17"" PSWG panel code derivation
CPT	CLAA170EA07	BN07-00174B	PTZ		CPT 17"" PSWG type new Panel code""
CPT	CLAA170EA07	BN07-00174B	PTZ		CPT 17" PSWG type new Panel code
CPT	CLAA170EA07Q	BN07-00220A	PTZ		CPT 17" PSWG R/T 8msec code derivation
CPT	CLAA170EA07Q	BN07-00220B	PTH		CPT 17" PSWG R/T 8msec HPD code derivation
CPT	CLAA150XP01F	BN07-00236A	PTZ		CPT 15" PSWG panel ZPD & Lead free code derivation
TOSHIBA	LTM15C419(A)	BN07-00002A	TA		-
TOSHIBA	LTM15C423(B)	BN07-00006A	TB		-
TOSHIBA	LTM18C161	BN07-00008A	TC		-
TOSHIBA	LTM15C443	BN07-00031A	TD		-
TOSHIBA	LTM15C458	BN07-00043A	TE		-
TOSHIBA	LTM15C458S	BN07-00077A	TF		"TSB 15"" high brightness Panel"
TOSHIBA	LTM15C458	BN07-00078A	TG		Toshiba ZPD panel
TOSHIBA	LTM15C458S	BN07-00099A	TH		TSB LTM15C458S ( ZPD )
HANNSTAR	HSD150MX41A(A)	BN07-00020A	NA		"TTL type"
HANNSTAR	HSD150MX12	BN07-00030A	NB		"TTL type"
HANNSTAR	HSD170ME13	BN07-00180A	NTH		Hannstar 17" TN new panel development
HANNSTAR	HSD170ME13	BN07-00180B	NTZ		Hannstar 17" TN new panel development ZPD code derivation
HANNSTAR	HSD190ME12	BN07-00210A	NTZ		Hannstar 19" TN new panel development

## 14 Reference Infomation

Maker	VENDOR P/N	PANEL_CODE	PANEL_ABB	STICKER_CODE	Remarks
HANNSTAR	HSD150MX17-A	BN07-00226A	NTZ		Hannstar 15" slim panel ZPD code derivation
TORISAN	TM150XG-22L03(A)	BN07-00021A	RA		-
TORISAN	TM150XG-26L06	BN07-00042A	RB		-
TORISAN	TM181SX-76N01	BN07-00048A	RC		-
TORISAN	TM150XG-26L06	BN07-00059A	RD		15" XGA TN MODE(ZPD)
TORISAN	TM290WX-71N31	BN07-00063A	RE		"RS24NS (TORISAN 29"" NEW PANEL)"
TORISAN	TM396WX-71N31	BN07-00064A	RF		"RS24NS (TORISAN 40"" NEW PANEL)"
TORISAN	TM150XG-26L09	BN07-00073A	RG		"Panel for 15"" TV"
TORISAN	TM150XG-26L10	BN07-00089A	RH		"L10(change except D/IC) ZPD"
TORISAN	TM150XG-26L10	BN07-00090A	RJ		L10 NORMAL
TORISAN	TM190SX-70N01	BN07-00098A	RK		Torisan 19" Panel
TORISAN	TM181SX-76N01	BN07-00106A	RL		ZPD Panel code
TORISAN	TM190SX-70N01	BN07-00107A	RM		ZPD Panel code
TORISAN	TM290WX-71N31	BN07-00115A	RN		"Color Coordinates change panel for TORISAN 29"" TV"
TORISAN	TM396WX-71N31	BN07-00116A	RP,Q		"Color Coordinates change panel for TORISAN 40"" TV"
TORISAN	TM220WX-71N31	BN07-00125A	RR		"Development TORISAN 22"" TV PANEL (ZPD)"
TORISAN	TM220WX-71N31	BN07-00127A	RS		"Development TORISAN 22"" TV PANEL (HPD)"
TORISAN	TM396WX-71N32A	BN07-00150A	RT		120V inverter Exclusive panel
TORISAN	TM190SX-70N02	BN07-00154A	RMH		Torisan 6bit panel code Derivation
TORISAN	TM190SX-70N02	BN07-00154B	RMZ		Torisan 6bit panel code Derivation
TORISAN	TM150XG-A01	BN07-00162A	RTH		Torisan 15" Narrow & Slim panel development
TORISAN	TM150XG-A01	BN07-00162B	RTZ		Torisan 15" N&S panel ZPD code Derivation
SHARP	LQ181E1DG11(A)	BN07-10001C	PA		-
SHARP	LQ150X1LW71	BN07-00067A	PB		SHARP 15" PVA PANEL
SHARP	LQ370T3LZ41	BN07-00216A	FAZ		Rome2
HITACHI	TX38D12VC0CAA(A)	BN07-00003A	HA		-
HITACHI	TX43DVCOCAB	BN07-00060A	HB		17" SXGA PVA MODE
HITACHI	TX43D15VC0CAB	BN07-00101A	HC		ZPD Panel
HITACHI	TX51D11VC0CAB	BN07-00122A	HD		20.1" NARROW
HITACHI	TX54D11VC0CAB	BN07-00123A	HE		21.3" NARROW
HITACHI	TX80D12VC0CAB	BN07-00169A	HIZ		"Development new panel for Hitachi 32"" TV (ZPD)"
HITACHI	TX54D11VC0CAB	BN07-00123B	HIZ		Hitachi 21.3"ZPD panel
IBM	ITSX94S	BN07-00017A	IA		-
UNIPAC	UM170E0	BN07-00028A	UA		Loaded by cisdba
HYUNDAI	HT15X13	BN07-00035A	DA		-
HYUNDAI	HT17E11-200	BN07-00049A	DB		TN MODE
HYUNDAI	HT17E11-300	BN07-00093A	DC		HT17E11-300 ZPD panel
HYUNDAI	HT17E11-400	BN07-00094A	DD		HT17E11-400 normal panel
HYUNDAI	HT17E11-400	BN07-00095A	DE		HT17E11-400 ZPD panel code
HYUNDAI	HT17E12	BN07-00096A	DF		HT17E12 ( Narrow & slim Design )
HYUNDAI	HT17E12	BN07-00105A	DG		ZPD Panel code
HYUNDAI	HT15X15-D00	BN07-00146A	DH		"Development for Ares 15"" Hydis TV"
HYUNDAI	HT15X15-D01	BN07-00146B	DJ		"Derivation panel HPD for Ares 15"" Hydis TV "
HYUNDAI	HT17E13-100	BN07-00167A	DTH		"PINEHURST-2(IBM) PJT 17"" HYDIS PANEL Derivation"
HYUNDAI	HT17E13-100	BN07-00167B	DTZ		"PINEHURST-2(IBM) Hydis 17"" ZPD code Derivation"
ACER	L170E3	BN07-00044A	AA		TN(ADT)
ACER	M170EN05	BN07-00076A	AB		AU 17" Panel ( Narrow & slim design )



Maker	VENDOR P/N	PANEL_CODE	PANEL_ABB	STICKER_CODE	Remarks
ACER	M170EN05	BN07-00102A	AC		ZPD Panel code
ACER	M190EN02	BN07-00170A	AMH		"AU Monitor 19"" new panel development (P19-1S)"
ACER	M190EN02	BN07-00170B	AMZ		"AU 19"" ZPD code derivation (ZPD)"
ACER	M170EN06	BN07-00171A	ATH		"AU Monitor 17"" New panel development "
ACER	T260XW01	BN07-00163A	AMZ		"AU 26"" new panel development (NF26EO)"
ACER	A201SN01	BN07-00177A	ATZ		"AU TV panel 20.1"" TN SVGA new panel development"
ACER	M170EN06	BN07-00171B	ATZ		AU Monitor 17" ZPD code derivation
ACER	T315XW01	BN07-00194A	AMZ		AU 32" new
ACER	M170EG01	BN07-00192A	ATH		AU TN PSWG type new Panel code
ACER	M170EG01	BN07-00192B	ATZ		AU TN PSWG type NEW panel code derivation
ACER	M190EN04	BN07-00203A	ATH		AU Monitor 19" ZPD new Panel code
ACER	T260XW02	BN07-00208A	AMZ		AUO 26" ZPD panel
ACER	M170EG01 V8	BN07-00221A	ATZ		AU TN PSWG type new Panel (8msec) ZPD code derivation
ACER	T260XW02	BN07-00233A	AMZ		AUO 26" Panel new (Cosmetic spec down grade)
ACER	T315XW01	BN07-00234A	AMZ		AUO 32" Grade new (Cosmetic spec down grade)
ACER	M190EN03	BN07-00224A	AMZ		AU Monitor 19" MVA new code derivation
ACER	T315XW01	BN07-00237A	AMZ		LCD TV VE project new
ACER	T315XW01	BN07-00238A	AMZ		LCD TV VE project new
ACER	M201UN02 V3	BN07-00168A	AMZ		
CHIMEI	M170E3-L01	BN07-00050A	CA		TN PANEL
CHIMEI	M150X3-L01	BN07-00051A	CB		COMPATIBLE
CHIMEI	M170E4-L01	BN07-00052A	CC		MVA PANEL
CHIMEI	M150X2-L01	BN07-00066A	CD		CHIMEI 15" PVA PANEL
CHIMEI	M150X3-L01	BN07-00079A	CE		Chimei ZPD panel
CHIMEI	M170E3-L01	BN07-00103A	CF		ZPD Panel code
CHIMEI	M170E4-L01	BN07-00104A	CG		ZPD Panel code
CHIMEI	V296W1-L01	BN07-00120A	CH		MVA
CHIMEI	M170E6-L02	BN07-00126A	CJ		HIGHLAND 17" LOW PANEL
CHIMEI	M190E2-L01	BN07-00131A	CK		GH19AS,BS CHIMEI PANEL
CHIMEI	M150X4-L06	BN07-00137A	CL		15" Narrow & Slim panel
CHIMEI	M170E6-L01	BN07-00133A	CM		"2003-03-11 vendor change"
CHIMEI	M170E6-L01	BN07-00133B	CN		ZPD derivation panel
CHIMEI	V201V1-T01	BN07-00135A	CP		CHIMEI 20.1" panel development
CHIMEI	M170E6-L02	BN07-00126B	CQ		"HIGHLAND 17"" LOW PANEL ZPD derivation panel"
CHIMEI	M170E6-L05	BN07-00152A	CR		"CMO 17"" new panel development code"
CHIMEI	M170E6-L05	BN07-00152B	CS		"CMO 17"" ZPD panel code derivation"
CHIMEI	M150X4-L06	BN07-00137B	CT		Chimei 15" Narrow & Slim panel ZPD derivation
CHIMEI	M170E5-L05	BN07-00165A	CTH		CMO 17" new panel development code (GOYA2-PJT)
CHIMEI	M170E5-L05	BN07-00165B	CTZ		CMO 17" ZPD panel(GOYA2-PJT)
CHIMEI	V230W1-L02	BN07-00209A	CMZ		CMO 23" development
CHIMEI	V320B1-L01	BN07-00207A	CMZ		CMO 32" development
CHIMEI	V270W1-L01	BN07-00136A	CMZ		CHI MEI 27" panel development
NEC	SVA150XG04TB	BN07-00225A	BTZ		SVA NEC 15" panel ZPD code

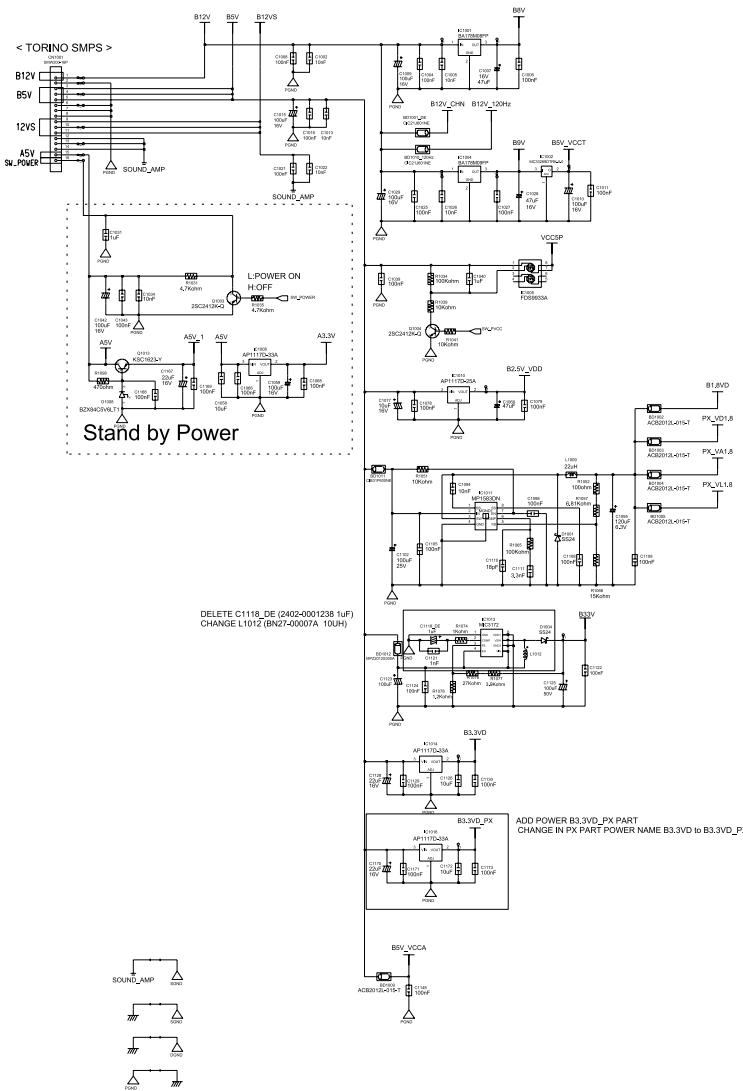
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# 9 Schematic Diagrams

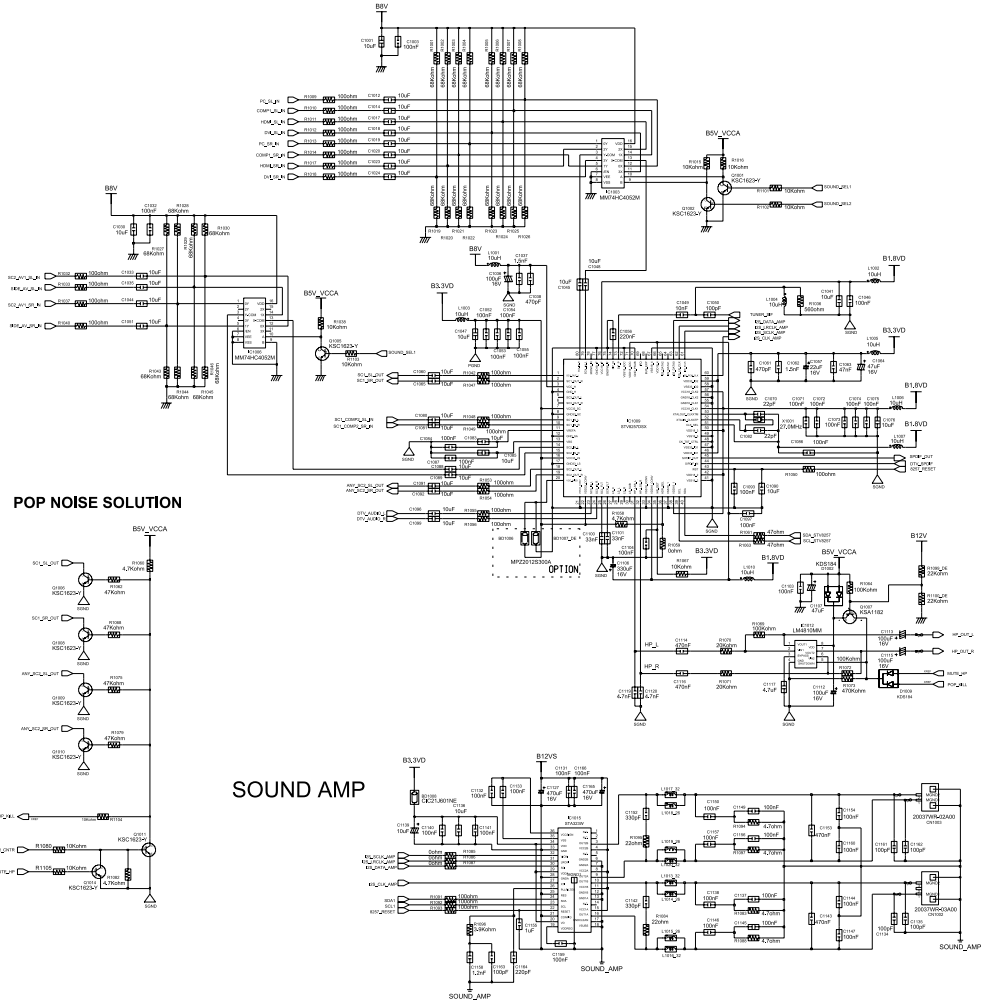
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## 9-1 Power\_Sound Schematic Diagram

### POWER



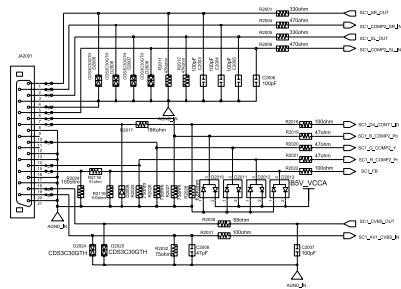
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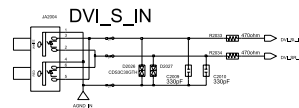
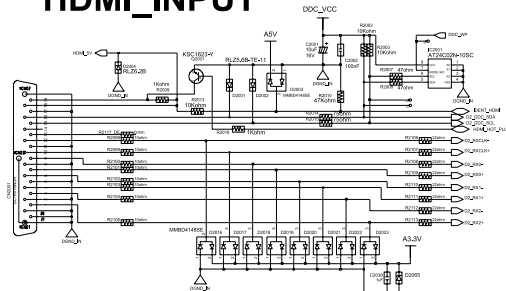
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## 9-2 Schematic Diagram

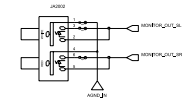
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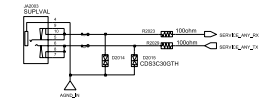
### HDMI\_INPUT



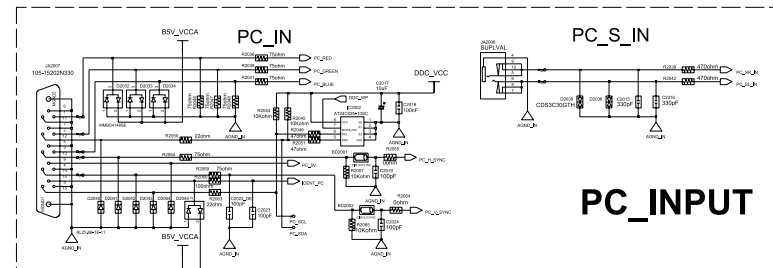
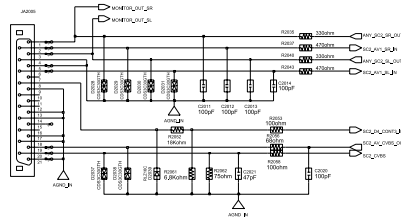
### MONITOR OUT



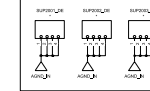
### Service\_ANY



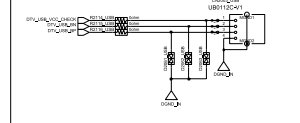
### SCART2



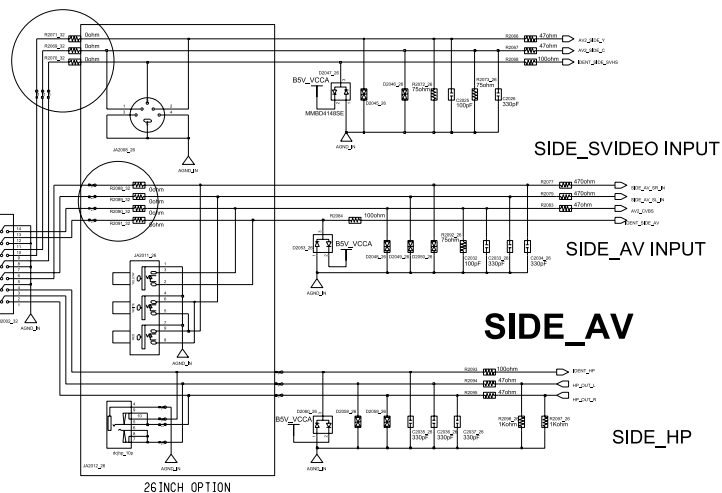
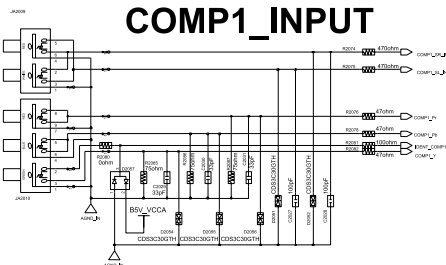
### Support-PCB



### USB



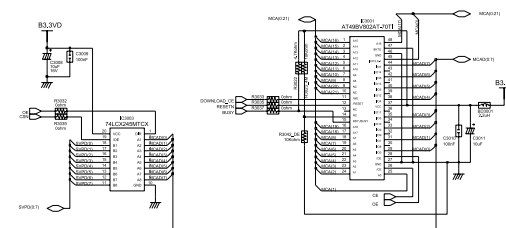
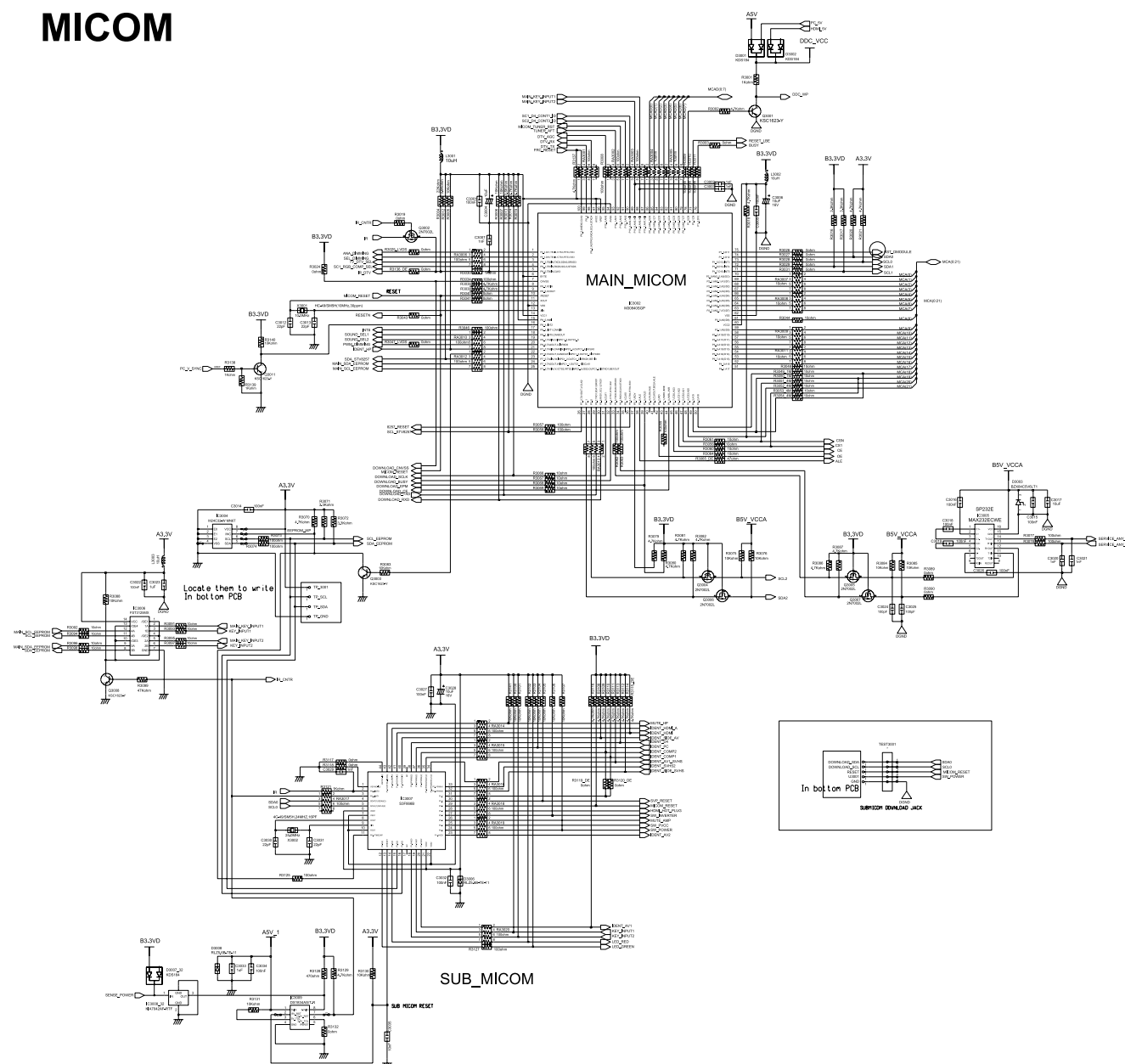
### COMP1\_INPUT



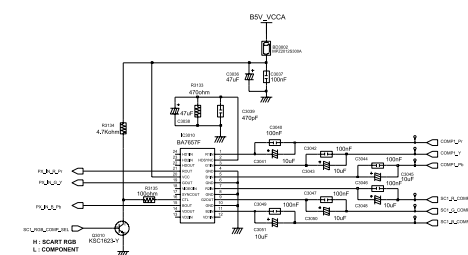
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## 9-3 Micom Schematic Diagram

# MICOM



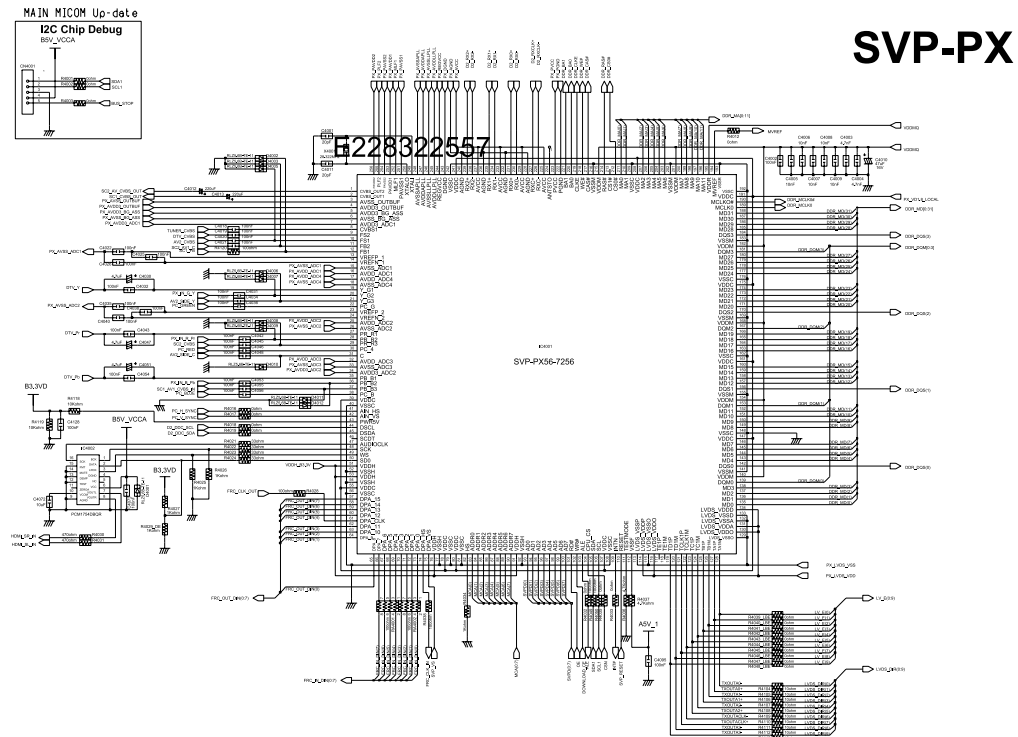
**SOCKET SMT instead of FLASH !!!**  
SOCKET : 3704-001184



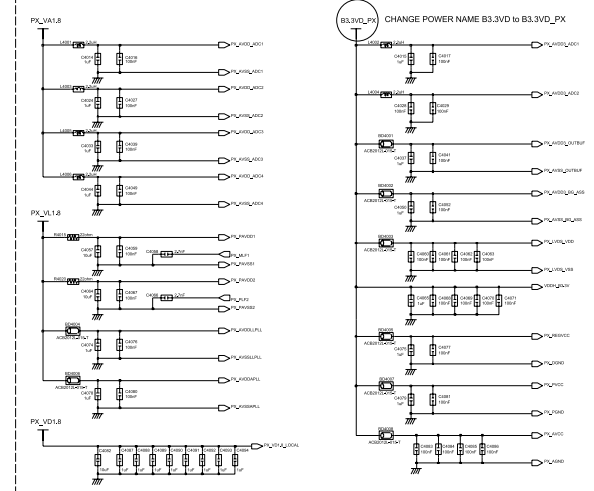
Scart1 RGB-Component SWITCH

-This Document can not be used without Samsung ' s authorization.

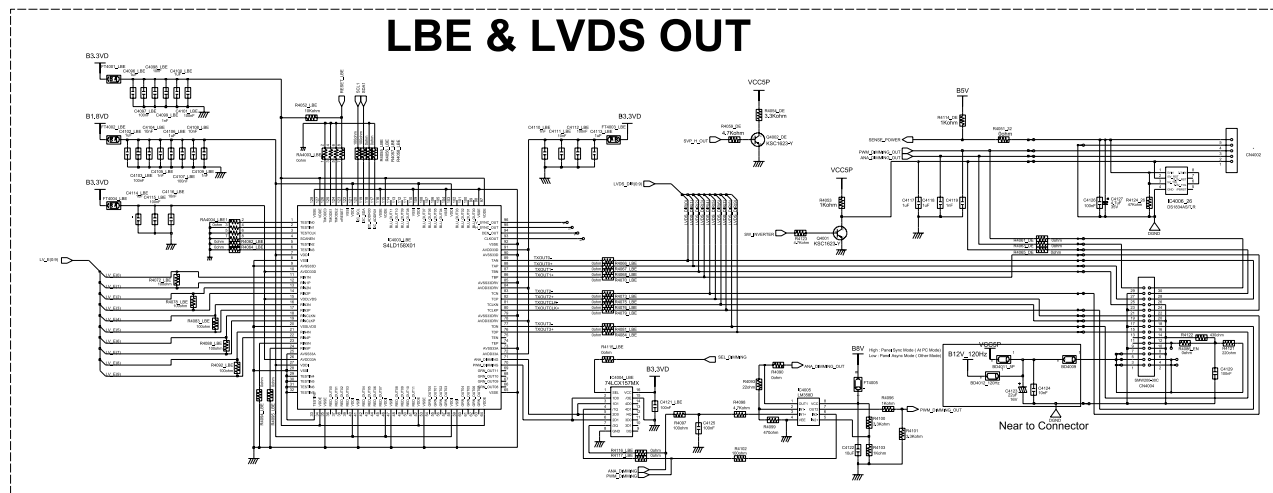
### 9-4 SVP-PX/PX-Power/LBE-Option Schematic Diagram



## PX\_Power

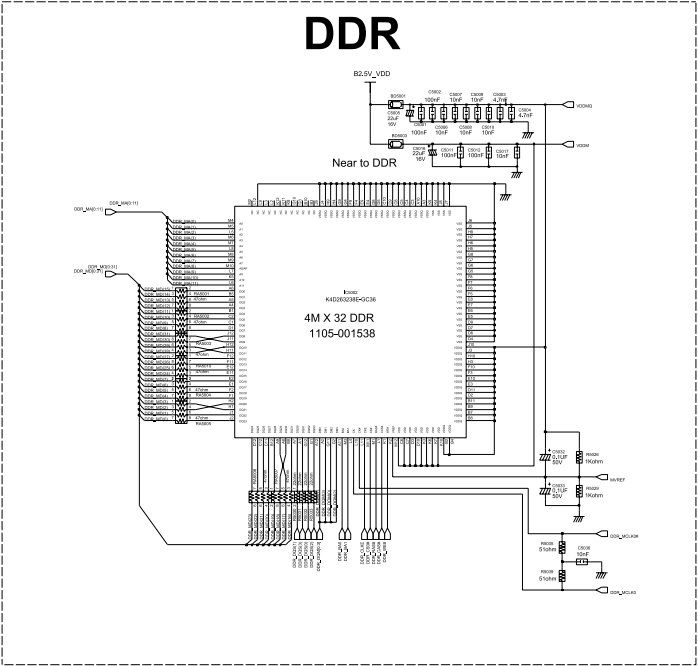


## LBE & LVDS OUT

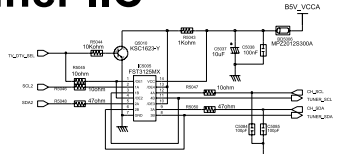


-This Document can not be used without Samsung 's authorization.

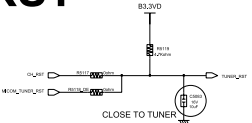
# 9-5 Application Schematic Diagram



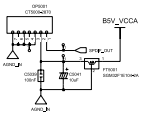
## Tuner IIC



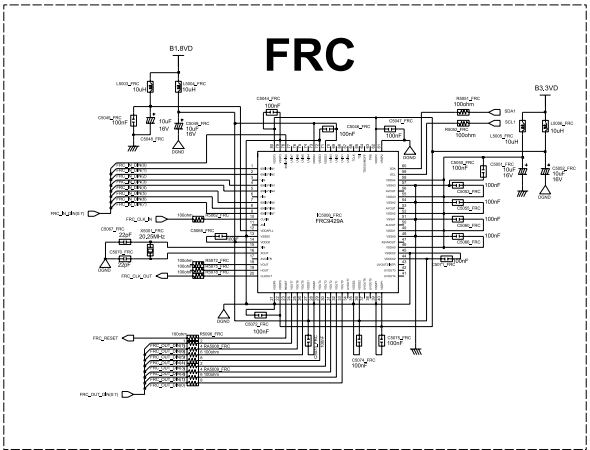
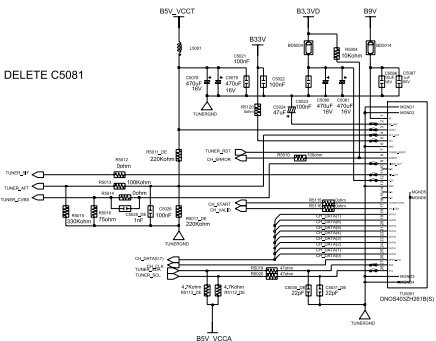
## Tuner RST



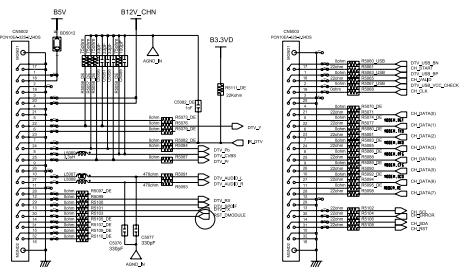
## SPDIF OUT



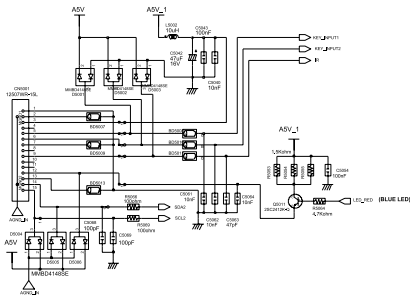
## TUNER



## DTV CONNECTION



## Function



Memo